Ulead DVD MovieFactory 3.5

Part 1: DVD MovieFactory

Part 2: DVD MovieFactory DiskRecorder

Part 3: DVD Player

Part 4: Dolby Digital

DVD MovieFactory™ 3.5 Suite

User Guide
Ulead Systems, Inc.
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Table of Contents

Welcome To Ulead DVD MovieFactory 5
What's New? 5
System requirements 7
Hardware checkup and configuration 8
Hardware checkup before using DVD MovieFactory 8
IEEE-1394 interface card 8
Windows 98 Second Edition / Windows 2000 8
Windows Millennium Edition (Me) 9
Windows XP 9
Enabling DMA for IDE disks 9
Analog capture card 9
USB port 10
Configuring DVD MovieFactory 10
DV (IEEE-1394 interface card) 10
Analog capture card 11
USB input device 11
DVD MovieFactory launcher 12
Create Video Disc 12
Create Slideshow Disc 13
Create Music Disc 13
Create Data Disc 13
Direct to Disc 13
Edit Disc 14
Copy Disc 14
DVD Player 14
Erase Disc 14
Burn from Disc Image 14
Print Disc Label 14
Create Video Disc 15
Add Media 15
Capturing video 16
Capturing DV video 17
Capturing analog video. 18
Capture Options dialog box 18
Video and Audio Capture Property Settings dialog box 19
Setting the field order 21
Capturing TV footage 22
Split by Scene. 23
Capturing still images 23
Capturing video directly to MPEG format 24
Adding video files 25
Creating a slideshow 26
Importing DVD-Video 26

Export selected clips 27
Setup Preferences, Project Settings and other options 27
Settings and options 28
Preferences ***28***
Project settings 31
Print Disc Label 32
Edit Media 33
Trimming a video 33
Multi-trimming a video 33
Joining/Separating videos 34
Enhancing your video 35
The Effect tab 35
Options for the Effect tab *36*
The Text tab 37
Options for the Text tab *38*
The Audio tab 38
Options for the Audio tab *39*
Adding/Editing chapters 39
Editing a slideshow 40
Setup menus 42
Preview 46
Output 48
Options for output 50
The Output Options dialog box 52
Direct to Disc 54
For DVD, VCD, or SVCD 55
Edit Disc (on-disc editing) 59
Print Disc Label 61
Print Disc Label dialog box 61
Creating custom paper templates 64
Designing a disc label 66
Importing a disc label 67
Saving a disc label 68
Printing a disc label 68
Shortcuts 69
DVD MovieFactory launcher 69
Ulead DVD MovieFactory 70
Print Disc Label 73
Glossary 75
Index 77

Welcome To Ulead DVD MovieFactory

Ulead DVD MovieFactory provides you with the answer to your disc-authoring needs. You can instantly create video or slideshow discs through a user-friendly, wizard-type process and specific task oriented features. You can also enhance your video by adding transition effects, text, audio, interactive menus, and many others, or print disc label or cover to make your discs more attractive and interesting.

With DVD MovieFactory, creating professional-looking video or slideshow discs has never been easier!

Note: The availability of program modules depends on the DVD MovieFactory version you have.

What's New?

- **Selectable DVD disc size for burning**
  You can choose between various DVD disc size, including 8.5GB for double-layer DVD.
- **Export video clips**
  You can select multiple video clips from the Media Clip list and export them to a different video file format.
- **Enhanced motion menu**
  Real-time preview, flexible motion duration, and more templates are available when setting up or preview motion menus.
- **More DVD navigation control**
  After a DVD is inserted into a player, the user can directly watch all video clips without having to see the menu first.
- **UDF system driver for a wide range of Windows O/S**
  UDF system driver is now compatible with Windows XP, 2000, Me, and 98 Second Edition.

- **Direct to disc and on-disc editing available to standard DVD-Video disc.**
  With the Direct to disc feature, you can capture your videos and burn them directly onto a disc. On-disc editing allows you to directly edit the content of your DVD-RW/+RW or DVD-RAM without having to capture the content for editing and burn it back onto the disc.
- **Disc label and index printing**
  Design and print vivid disc labels and case covers with the Print Disc Label feature.
- **Normalize audio in output process**
  Different video clips may have different audio recording levels when created. When these video clips are put together, the volume may vary greatly from one to another. With Normalize audio function, each audio waveform is evaluated and adjusted so that the highest peak reaches a certain level, correcting the rest accordingly to lessen the volume variation.

System requirements

To be able to run DVD MovieFactory on your computer, make sure the following minimum requirements are met:

- Intel® Pentium III™ 800 MHz CPU or higher (Pentium® IV 2.4 GHz recommended)
- Microsoft® Windows™ 98 SE, 2000, Me, XP
- 128MB of RAM (256MB RAM or higher recommended)
- 200MB of available hard disk space for program installation
- 4GB or more of hard disk space for video capture and editing
- Windows-compatible display with at least 800x600 resolution
- CD-ROM or DVD-ROM drive
- Windows-compatible mouse, display card, and sound card

To utilize the full capabilities of DVD MovieFactory, the following additional components are recommended:

- Separate Audio/Video hard disk for storing captured videos and temporary project files
- CD-R/RW and DVD-R/-RW/+R/+RW drives for creation of DVD/VCD/SVCD
- TV tuner card, USB or video capture card for analog capture
- OHCI compliant IEEE-1394 interface card for use with DV camcorder and capture device

Hardware checkup and configuration

To ensure that DVD MovieFactory works properly, use the following information to configure your hardware and DVD MovieFactory.

Hardware checkup before using DVD MovieFactory

To make sure your video production runs smoothly and trouble-free, click **Control Panel: System - Hardware - Device Manager** and check if your devices are working properly in accordance with your Operating System (O/S).

In general, as long as the image/imaging device can be seen and working properly in the **Device Manager** (this applies to all Windows versions), **DVD MovieFactory** and other Ulead products will be able to detect it and work with it.

IEEE-1394 interface card

The following Windows operating systems support the IEEE-1394 interface card. Always remember to turn on your DV camcorder or VCR connected to the IEEE-1394 interface card so that the camcorder can be detected as an image/imaging device or sound, video and game controller.

Windows 98 Second Edition / Windows 2000

Check that the following devices are working properly:

- 1394 Bus Controller
- Image Device: Microsoft DV Camera and VCR (For Microsoft DV driver only.)
- Sound, video and game controllers: 1394 camcorder (For Texas Instruments DV driver only.)

Windows Millennium Edition (Me)

Windows Me fully supports the IEEE-1394 interface card. Check that the following devices are working properly:

- 1394 Bus Controller
- 61883 Device Class
- AVC Device Class
- Imaging Device: (Brand name) DV Camcorder: The brand name depends on the DV camcorder connected to the IEEE-1394 interface card.

Windows XP

To run DVD MovieFactory under Windows XP, check that the following devices are working properly:

- 1394 Bus Controller
- Imaging devices: (Brand name) DV Camcorder: The brand name depends on the DV camcorder connected to the IEEE-1394 interface card.

Note: In addition to commonly used Texas Instruments and Microsoft DV drivers, there are other drivers available. Consult your camcorder's manual for suitable drivers.

Enabling DMA for IDE disks

If you use IDE disks in Windows, enable **DMA** (Direct Memory Access) for all the hard disks that will be used for capturing video. DMA avoids possible dropped frame problems when you are capturing video.

Analog capture card

Windows 98SE, 2000, Me, and XP support analog capture cards. Remember to turn on the camcorder or VCR and connect it to your computer. Then check that the following devices are working properly:

- Sound, video and game controllers

USB port

The Universal Serial Bus (USB) connector lets you attach a wide array of devices to your computer quickly and easily. These devices include digital cameras, webcams, and just about every computer peripheral. Since Windows 98SE, 2000, Me, and XP fully support USB, installing the driver for this device is quick and easy too.

Check that the following device is working properly:

- Universal serial bus controller

Configuring DVD MovieFactory

Camcorders, VCRs, and VCD/DVD players are common sources of video footage. To ensure a smooth interaction between these video sources and your computer, make sure that the settings of DVD MovieFactory are configured properly depending on the capture device you are using.

DV (IEEE-1394 interface card)

To check the setup of DVD MovieFactory for DV interface:

1. Connect your camcorder to your IEEE-1394 interface card.
2. Insert your video tape into the camcorder and switch it on. Make sure it is in playback mode (usually named **VTR** or **VCR**). Check your camcorder's manual for specific instructions.
3. Go to the **Add/Edit Media** page and click **Capture Video** to open the **Capture Video** dialog box.
4. Check if your device is displayed under **Source**.

Note: When your camcorder is in **Record** mode (usually named **CAMERA** or **MOVIE**), you can still capture real-time video directly in MovieFactory, even if there's no video tape inserted.

Analog capture card

To check the setup of DVD MovieFactory for analog interface:

1. Connect your camcorder, VCR, or other video source device to your analog capture card.
2. Insert your video tape into the capture device and switch it on. Make sure it is in the playback mode (usually named **VTR** or **VCR**). See your machine's manual for specific instructions.
3. Your **Capture plug-in** will be detected automatically.
4. Go to the **Add/Edit Media** page and click **Capture Video** to open the **Capture Video** dialog box.
5. Check if your device is displayed under **Source**.

Note: If your capture device supports multiple video sources, the **Video and Audio Capture Property Settings** dialog box allows you to select your desired video source such as Composite, Tuner, or S-Video. In the Capture Video dialog box, click **Advanced Settings** and select **Video and Audio Capture Property Settings** from the pop-up menu.

Likewise, if you have multiple audio sources, this dialog box allows you to select your desired audio source.

USB input device

To check the setup of DVD MovieFactory for USB interface:

1. Connect your video source device to your **USB** port using a standard USB cable and switch it on.
2. Your **Capture plug-in** will automatically be detected.
3. Go to **Add/Edit Media** and click **Capture Video** to open the **Capture Video** dialog box.
4. Check if your device is displayed under **Source**.

DVD MovieFactory launcher

The **DVD MovieFactory launcher** serves as a control panel where you can find the tasks you'll need for disc-authoring. Clicking a task icon will launch the program module associated with it.

Note: Opening previously created project files from outside DVD MovieFactory launcher will automatically launch the associated program.

Create Video Disc

Opens the DVD MovieFactory **Start** dialog box where you can create a new video project or open an existing one.

To start a new video project:

1. Select **New Project**.
2. Select the output disc format.
3. Click **OK**.

To open an existing video project:

1. Select **Existing Project.**
2. Select an existing project from the list or click **Browse** to locate one.
3. Click **OK**. See "Create Video Disc" for more details.

Create Slideshow Disc

Opens the DVD MovieFactory **Start** dialog box where you can create a new photo slideshow or open an existing slideshow project.

To start a new slideshow project:

1. Select **New Project**.
2. Select the output disc format.
3. Click **OK**.

To open an existing slideshow project:

1. Select **Existing Project**.
2. Click **Browse** and locate the project file.
3. Click **OK**. See "Creating a slideshow" for more details.

Create Music Disc

Opens a dialog box where you can select the type of music disc to create. Refer to the separate **Burn.Now** manual for details.

Create Data Disc

Opens a dialog box where you can select the type of data disc to create. Refer to the separate **Burn.Now** manual for details.

Direct to Disc

You can capture videos from your source device and burn these videos directly onto a disc.

To start the Direct to Disc process:

1. Select an output disc format.

2. Select the burner drive.
3. Click **OK**. See "Direct to Disc" for more details.

Edit Disc

You can modify existing videos and menus in a DVD+R/RW, DVD-R/RW, or mini-DVD disc using a compatible disc burner.

To start the Edit Disc process:

1. Select the burner drive where the disc you want to edit is loaded.
2. Select whether to append data or edit video.
3. Click **OK**. See "Edit Disc (on-disc editing)" for more details.

Copy Disc

Makes a disc copy from a disc or DVD-Video folder. Please refer to the separate Burn.Now manual for details.

DVD Player

Ulead DVD Player provides full-featured control over playback of your DVD videos. Please refer to the DVD Player manual for details.

Erase Disc

Erases the contents of a disc.

Burn from Disc Image

Makes a disc from a disc image file.

Print Disc Label

Launches the **Print Disc Label** dialog box where you can create and print disc labels and covers for your discs. See "Print Disc Label" for more details.

Note: You can also run EXE files without using the DVD MovieFactory launcher. The default location for these files is **C:\Program Files\Ulead Systems\Ulead DVD MovieFactory 3.5 Suite**.

Create Video Disc

Ulead DVD MovieFactory's step-by-step interface makes creating movies simple and easy.

Add Media

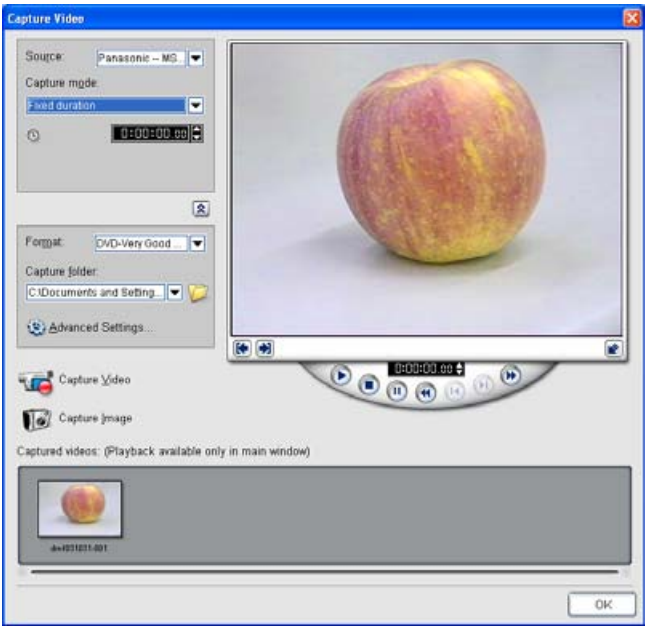
DVD MovieFactory lets you add content to your movie by capturing video, adding video files, and importing DVD videos. You can also create and add photo slideshow to your movie.

Capturing video

Capturing is the process of transferring video from your camcorder or other video sources to your computer. When you have properly setup your equipment for capturing, the video feed from your source device should be visible when you play the source tape in the **Preview Window** of the **Capture Video** dialog box. If your display card supports TV output connection, you will be able to view your video on the TV monitor.

> **Note:** Before capturing videos, make sure that you have done the procedures described in "Hardware checkup and configuration".

Ulead DVD MovieFactory is capable of capturing video from different video sources such as DV camcorders and VCRs, analog devices, and TV tuners.



Capturing DV video

DVD MovieFactory allows you to capture digital video with two options: DV Type-1 and DV-Type 2.

DV Type-1 and DV Type-2 captured by FireWire (IEEE-1394 interface card) are automatically stored as AVI files (when your capture plug-in is DirectShow). An AVI file usually contains two streams, one video and one audio. DV is a data stream that itself contains video and audio.

In DV Type-1, the whole DV stream is stored unmodified as one AVI stream. DV Type-2 splits the DV data into separate audio and video streams.

Capturing DV video as Type-2 gives more compatibility with other applications.

To choose which DV Type to use:

1. Select your DV camcorder from the **Source** list.
2. Click to show the capture options.
3. Click **Advanced Settings** and select **Change Capture Plug-in**. Set the capture plug-in to **Ulead DirectShow Capture Plug-in**. Click **OK**.
4. Click **Advanced Settings** and select **DV Type**.
5. Choose the DV type to capture. Select **DV type-2** to make the captured video more compatible with other video editing programs then click **OK**.

To capture DV video:

1. Connect your camcorder to the IEEE-1394 interface card. Turn it on and set it to **Play** (or VTR /VCR) mode.
2. In the **Add/Edit Media** page, click **Capture Video**. The DV device connected to your computer is displayed in the **Source** list.
3. Select a **Capture mode**:
   - **Fixed duration** sets the total duration to be captured.

- **Marked duration** will show the mark-in and mark-out timecode control where you can set mark-in and mark-out point for capturing.
- **Full DV Tape** captures the whole DV tape from tape start to end.

4. To adjust the capture options, click .
   - **Format** allows you to select the file format of the captured video.
   - **Capture folder** shows the path of the folder where captured videos are saved. Click **Browse** to select a different folder.
   - **Advanced Settings** lists additional capture settings.
5. Click **Play** in the **Navigation Panel**.
6. When you get to the part of the video you want to record, click **Capture Video**. Click **Stop Capture** or press **[Esc]** to stop capturing. The captured video will be added to the Captured videos list.
7. Repeat steps 6 and 7 to add more clips.

Capturing analog video

DVD MovieFactory allows you to capture videos not only from digital sources, but also from analog sources. Before capturing analog videos, set the appropriate options in the **Video and Audio Capture Property Settings** dialog box in the **Advanced Settings**.

> **Note:** Make sure that the audio cable is connected to the line-in jack.

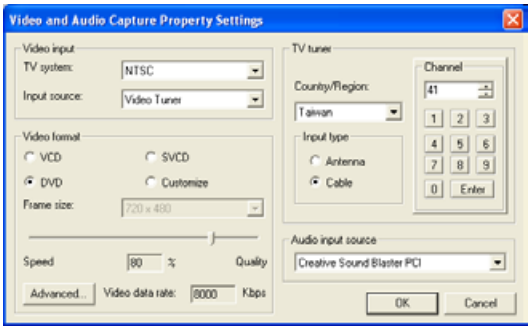
Capture Options dialog box

This is where you can set DVD MovieFactory to capture audio, detect scenes, and preview the video while capturing. This is also where you specify the capture frame rate.

- **Capture audio** Select to capture the audio when capturing from an analog device.

- **Split video by Scene detection** Select to capture the different sequences of footage recorded in a DV tape into multiple files or clips based on recording dates and times.
- **Use preview mode** Select to improve captured video quality when capturing in SCVD or DVD format. This is only available if your analog capture card supports this feature.
- **Frame rate** Select what frame rate to use when capturing the video into DVD MovieFactory. The higher the frame rate, the smoother the video will be.

Video and Audio Capture Property Settings dialog box



- **TV system** Specify whether to use NTSC or PAL, depending on your region. NTSC is predominant in North America and many Asian countries. PAL is the television standard in Europe and South Pacific.
- **Input Source** Select **Video Composite** if you have a video input jack and one (Mono) or two (Stereo) audio input jacks. Select **Video Tuner** for TV input and **Video S-video** for S-video input.
- **Use software compression** Only available when capturing in AVI format. Select this if you have a specific compression requirement. Click **Advanced** to specify your preferred software compression. The current **Compression** list shows available compression codecs provided by your capture card. Select **Use software compression** to override the card codec settings.

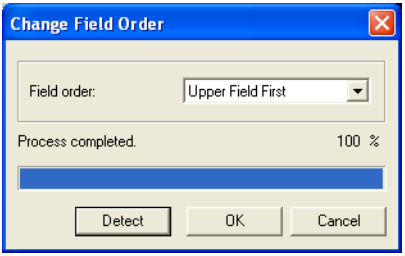
- **Video quality slider** Only available when capturing in MPEG format. Drag the slider to the left to decrease the video quality or to the right to increase the video quality. The quality of the video depends on the overall performance of your computer. If dropped frames occur during capturing, decrease the quality of your video.

Note: To ensure smooth capturing and disc burning, close all other programs running in the background and disable screen savers and virus scanners.

- **TV tuner** Specify your geographical location and input type. This is where you enter the channel of the program that you want to capture.
- **Country/Region** Determines the available channels in your area.
- **Input type** Determines the mode of your television input. Select **Antenna** if you're using an antenna to watch television or **Cable**, if your television utilizes a cable TV system.
- **Channel** Enter the channel of the television program where you plan to capture footage.
- **Audio input source** Indicates the current sound input device. Should there be any problems with your audio, simply check if you've selected the appropriate sound input device from the **Audio input source** list and if the audio cable is connected properly.
- **Frame size** Sets the desired output frame size. Available frame sizes depend on the installed capture card.

Setting the field order

You can set the field order to use for capturing video through the **Change Field Order** dialog box.



To set the field order:

1. Click **Advance Settings: Change Field Order**.
2. Select whether to use **Upper Field First** or **Lower Field First**.

> **Tip:** Click **Detect** if you are not sure which field order to use or when the captured video is flickering or when there is noise on motion video.

3. Click **OK**.

> **Notes:**
>
> - For users who are familiar with the older versions of this product, the previous option "Field order A" is now "Lower Field First" and "Field order B" is now "Upper Field First".
> - To avoid screen flickering while watching your captured video on TV, set the field order setting the same as the one used by your analog capture card.

To capture video via an analog capture card:

1. Connect your video source device to your capture card. On some cards, you may also need to connect the audio cables. For S-video, please remember to connect the audio cable properly since S-video only transfers video signals.
2. In the **Add/Edit Media** page, click **Capture Video**.

3. Select your analog device from the **Source** list.
4. Select a capture file format from the **Format** list.
5. Click to show the advanced settings. Next, click **Advanced Settings: Video and Audio Capture Property Settings**. Here, choose the correct TV system, video and audio sources. Click **OK** to apply the settings.
6. Click **Advanced Settings: Change Field Order** to set the appropriate field order.
7. Scan your video using your hardware's preview buttons to search the part you want to capture.
8. When you get to the point where you want to start capturing, click **Capture Video**. Click **Stop Capture** or press **[Esc]** to stop capturing.

Capturing TV footage

DVD MovieFactory allows you to capture TV footage with a TV tuner. Capture a segment of your favorite television show on regular TV or cable then save it in your hard drive in AVI, MPEG, or Windows Media Video (WMV) format.

To capture TV footage:

1. Check if your computer has an analog video capture card with a TV input jack. This jack usually uses a TV coaxial cable to input TV signals from either an antenna or a dedicated cable from your CATV supplier.
2. Connect your video source device to your capture card. On some cards, you may need to connect the audio cables.
3. In the **Add/Edit Media** page, click **Capture Video**.
4. Select your analog device from the **Source** list.
5. Select the appropriate **Capture mode** and then enter the TV channel number of the program to capture.
6. Select the appropriate video format from the **Format** list.
7. Click **Capture Video** to start capturing.
8. Click **Stop Capture** or press **[Esc]** to stop capturing.

Split by Scene

Usually a single DV tape contains several footage that were shot at different times. DVD MovieFactory saves you the hassle of capturing the segments one by one, using the **Split by Scene** feature.

> **Note:** This option is applicable only when **AVI** is selected as the capture file format for DV video.

To use Split by Scene:

1. Click **Advanced Settings** and select **Capture Options**.
2. Select **Split video by scene detection** and then click **OK**.
3. Follow the procedure for capturing DV.

Capturing still images

In addition to video, DVD MovieFactory allows you to capture still images in BMP or JPEG. The dimensions of the captured image will depend on the frame size of the source video.

To choose your image format:

1. Return to the **Add/Edit Media** page and press **[F6]** to open the **Preferences** dialog box.
2. Click **Capture** tab and select the appropriate format in the **Capture image format**.
3. Specify the image quality (applicable only for JPEG format).
4. Click **OK**.

To capture still images:

1. Follow the steps in preparing to capture a video. See "Capturing video".
2. Scan your video to search for the part to capture.
3. When you get to the part of the video frame you want to capture, click **Capture Image**.

Tip: You can also capture a still image from a video clip in the **Add/ Edit Media** page. Select the video clip from which you want to capture the still image and use the navigation buttons to locate the frame to capture. Right-click the **Preview Window** and select **Capture Image**. You will then be prompted to save the captured image to your local folder.

Capturing video directly to MPEG format

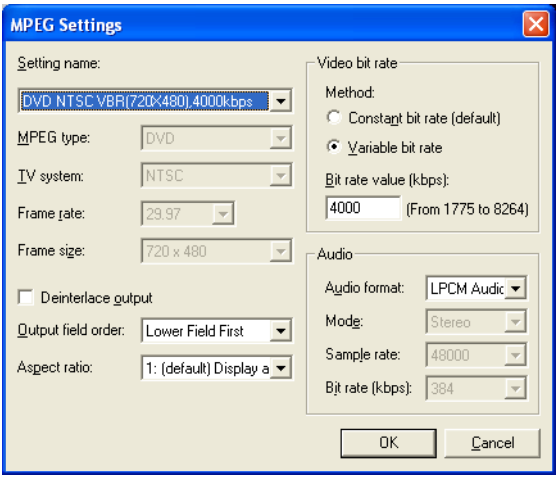
DVD MovieFactory allows you to capture video from a DV camcorder or analog source straight to MPEG.

To capture video in MPEG format:

Connect your camcorder or VCR to your capture card. Switch it on and set it to **Play** (or VTR/VCR) mode.

1. Select a DVD or CD format in **Format**.
2. **Ulead DSW MPEG Capture Plug-in** will be detected automatically. Use this capture plug-in when capturing MPEG from a DV camcorder. If you have a USB camera or analog capture device which does not support this capture plug-in, click **Advanced Settings: Capture Plug-in** and choose **Ulead DSW MPEG Capture Plug-in**.
3. Click **Advanced Settings** again and select **Video and Audio Capture Property Settings**. Here, click **Advanced**. Choose the type of MPEG you would like to capture in the **MPEG Settings** dialog box and set other attributes.

Note: A DVD player connected to an amplifier using an audio-optical-fiber cable may not be able to produce sound when playing an NTSC DVD with MPEG audio.



4. If you are capturing from a USB device or analog source, specify the desired frame size in the **Video and Audio Capture Property Settings** dialog box. Select **Customize under Video Format**, and then choose a **Frame size**.
5. Click **Capture Video** to start capturing.
6. Click **Stop Capture** or press **[Esc]** to stop capturing.

Adding video files

DVD MovieFactory allows you to add video files of different formats such as AVI, MPEG, and, WMV into your video project.

To add a video file to your project:

1. Click **Add video files** in the **Add/Edit Media** page to launch the **Open Video File** dialog box.
2. Locate the video file(s). You can select and add multiple files under the same folder. Press **[Ctrl]** or **[Shift]** to select multiple files.
3. Repeat the above process to add more video files.

Creating a slideshow

Aside from video files, you can also add photo slideshows to your video project.

To create a slideshow:

1. In the **Add/Edit Media** page, click **Create a slideshow**.
2. Locate the folder that contains your image files and select those that you want to include in the slideshow. Use **[Ctrl]** or **[Shift]** to select multiple images.
3. Click **Add Photo**. Repeat steps 2 and 3 to add more images.
4. Add a slideshow title, background music, and transition effect as needed. Click **Preview** to see the result.
5. Click **OK** after you have finished.

Importing DVD-Video

Import video from your DVD discs and add them to your video projects.

To import DVD video:

1. Click **Import DVD Video**.
2. Locate the DVD drive that contains the video files. Locate the **VIDEO_TS** folder for the DVD+R/RW or DVD-R/RW format or search for the **DVD_RTAV** folder for DVD-VR files on DVD-RW disc or DVD-RAM disc.
3. Select the video clip you want to import, and then click **Finish**. Press **[Ctrl]** or **[Shift]** to select multiple videos.

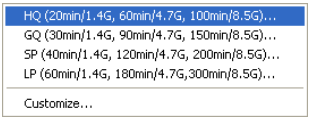
Note: Black video thumbnails that appear in the Media Clip list indicate that the first frame in the video is either white or black.

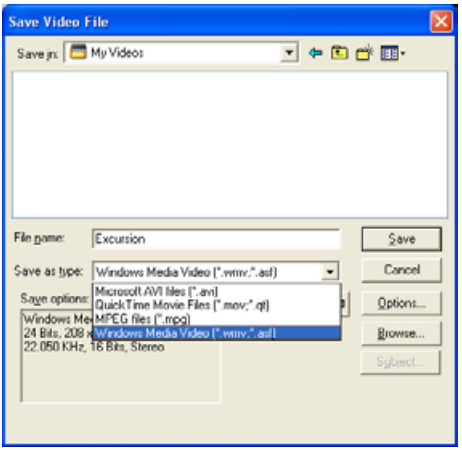
Export selected clips

This lets you select existing video files and save them to another video file format.

To export selected clips:

1. Select the video files from the Media Clip list in the **Add/Edit Media** page.
2. Click **Export selected clips** . A menu showing a number of DVD file format templates appears. You can select one of them, or select **Customize** for other file formats.





3. Locate the folder where you want to save these files, and then enter a new file name.
4. Click **Save** to start file conversion.

Setup Preferences, Project Settings and other options

Setup options for your projects in DVD MovieFactory can be accessed using the buttons on the lower left corner of the program.

Settings and options

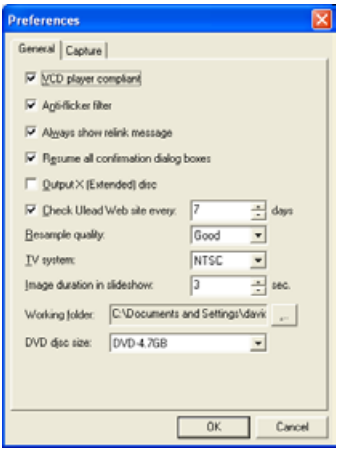
Use the options in this menu to customize the settings for video playback, save your project, view information about Ulead DVD MovieFactory, visit the Ulead DVD MovieFactory Web page, and register your copy of Ulead DVD MovieFactory.

Preferences

Select to set the program's working environment through the **Preferences** dialog box.

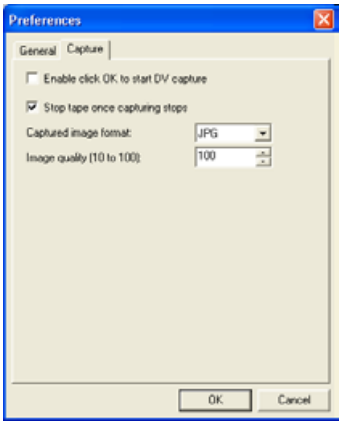
To open the Preferences dialog box, click **Settings and options** and select **Preferences** or press **[F6]**.

General



- **VCD player compliant** Select to make sure that the VCD created will play in stand-alone VCD players.
- **Applying anti-flicker filter** Select to apply the anti-flicker filter to the menu pages. The anti-flicker filter reduces the flickering that happens when using a television to view the menu pages. However, this does not help when the menu page is viewed on progressive scan devices such as computer monitors or projectors. Select this option if you plan to view the movie or slideshow on television sets.
- **Always show relink message** Select to automatically perform link-checking between the project clips and the associated source files. This is important when the source file is moved to another folder location or has been deleted.
- **Resume all confirmation dialog boxes** Select to have the confirmation boxes appear even after the "Do not show again" option is selected.
- **Output X (Extended) disc** Select to allow extended VCD, SVCD, and DVD burning.
- **Check Ulead Web site every XX days** Select to specify how frequently the program checks the Ulead Web site for news and updates.
- **Resample quality** Specify the quality for all clips. A higher quality results in better video but takes longer time to render. Choose **Best** if you are preparing for final output. Choose **Good** for faster operation.
- **TV system** Select the type of your TV system (NTSC or PAL/SECAM).
- **Image duration in slideshow** Specify the default clip length for all image clips that will be used in your slideshow project. The duration is measured in seconds.
- **Working folder** Enter or locate a folder for temporary files.
- **DVD disc size** Select a DVD disc size that matches the capacity of the DVD disc you want to output. For example, to output a single-sided and double-layer DVD disc, please choose **DVD-8.5GB**.

Capture



- **Enable click OK to start DV capture** Launches a confirmation message before performing the actual capturing process.
- **Stop tape once capturing stops** Automatically stops the connected capture device in your computer once the program stops capturing.
- **Captured image format** Select either JPEG or Bitmap format for the still image that you captured.
- **Image quality** Specifies the quality of the captured JPEG image.

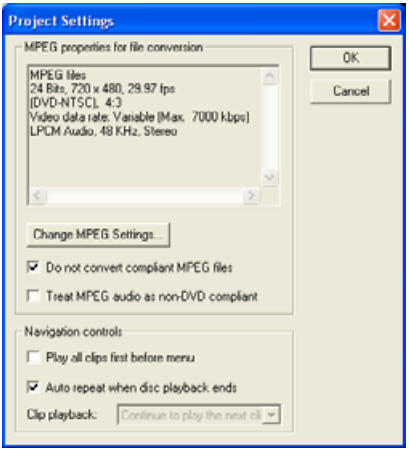
Save Saves the project as a DVD MovieFactory (*.DWZ) file using the date as the file name. If you are just saving the changes you made in an existing project, its original file name will be retained.

Save As Saves a copy of the current project.

Disc Template Manager Select to open the **Disc Template Manager** dialog box. Here, you can add disc templates according to the disc format selected. You can also edit or delete existing disc templates.

Project settings

You can view information about a specific project and customize its output settings in the **Project Settings** dialog box. Click **Project Settings** to open the Project Settings dialog box.



- **MPEG properties for file conversion** Displays detailed information about the selected video setting.
- **Change MPEG Settings** Select the type of video setting for your project. Select **Customize** to personalize video settings.
- **Do not convert compliant MPEG files** Select to prevent the program from rendering DVD-compliant MPEG files during the rendering (output) process.
- **Treat MPEG audio as non-DVD compliant** This is an option under **"Do not convert DVD compliant MPEG files."** Select to treat all video files that has MPEG audio as non-DVD compliant. The MPEG audio track will not be rendered to LPCM during output.
- **Play all clips first before menu** Select to play all videos first, and then display the menu.
- **Auto repeat when disc playback ends** Select to automatically replay the video after disc playback ends.

- **Clip playback** Determines what to display next after the playback end of a video clip.

Print Disc Label

Launches the **Print Disc Label** dialog box where you can create and print labels and covers for your discs. To know more about this feature, see "Print Disc Label".

Edit Media

After importing the media files into your project, you can now edit the content using DVD MovieFactory's edit tools.

Trimming a video

You can trim a video using the **Jog Bar**, mark-in/out, and navigation controls. Trimming allows you to modify the length of the video according to your needs.

To trim video:

1. Select a video thumbnail in the Media Clip list.
2. Use the navigation controls or drag the **Jog Bar** to where you want the clip to start and click or press **[F3]**. Alternatively, simply drag **Mark-in** to the starting point.
3. Use the navigation controls or drag the **Jog Bar** to move to the point where you want the clip to end then click or press **[F4]**.
4. Hold down **[Shift]** and click **Play** (or press the Space bar) to view the trimmed video.

Multi-trimming a video

Multi-trim lets you select multiple segments from a video and extract these segments to the Media Clip list.

To use Multi-trim:

1. Select the video to be trimmed in **Media Clip**.
2. Click to open the **Multi-trim Video** dialog box.
3. Click **Mode** and select a trim mode.
   - **Retain Selections** Select to retain marked video segments.

- **Delete Selections** Select to remove marked video segments.

4. Drag the **Jog Bar** to locate the start of the segment to retain/delete, and then click or press **[F3]**.
5. Drag the **Jog Bar** to locate the end of the segment to retain/delete, and then click or press **[F4]**. The extracted segment will be added to the Media Clip list.
6. To select more segments, repeat steps 4 and 5.
7. To remove any extracted segment from the list, select it in the Media Clip list and click **Remove selected clip**.
8. To preview all extracted clips, click **Preview**.
9. Click **OK**.

Tip: To move the **Jog Bar** at a fixed interval, use or . Set the quick search interval in **Duration**.

Joining/Separating videos

You can combine two or more video clips, or separate previously combined video clips using the **Join/Separate Video** feature.

To combine video titles:

1. Press **[Ctrl]** or **[Shift]** and click on two or more clips in the Media Clip list.
2. Click Join Video.

To separate previously combined videos:

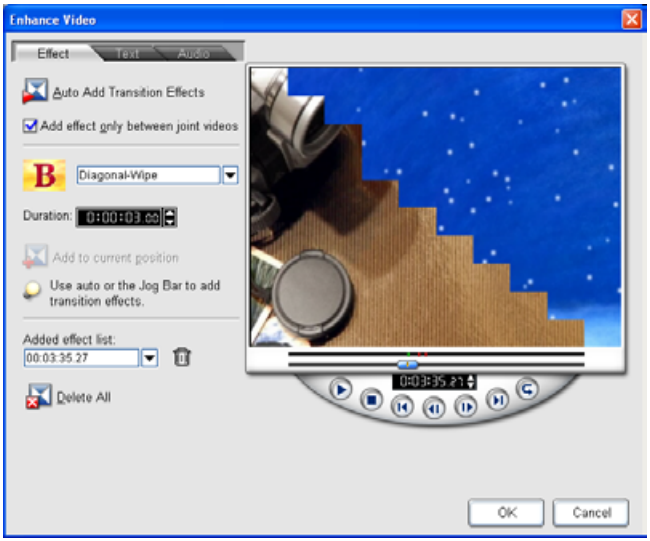
1. Select the video clip from the Media Clip list.
2. Click Separate Video.

Enhancing your video

Select a video clip and click **Enhance Video** to add transition effects, audio, and text.

The Effect tab

The **Effect** tab displays various options that you can use to apply transition effects to your video clip. You can also add a transition effect anywhere in the video.



To add transition effects:

1. In the **Effect** tab, drag the **Jog Bar** or use the playback controls to move between frames in the video. Stop when you reach the point where you want to add the transition effect.
2. Select a transition effect from the list, and enter the duration.
3. Click **Add to current position**.
4. Repeat steps 2 to 3 to add more transition effects. You can use the playback controls to preview the results.

Tip: To automatically add transitions, click **Auto Add Transition Effects**. DVD MovieFactory will scan the video for scene changes and add a transition effect at every point of scene change.

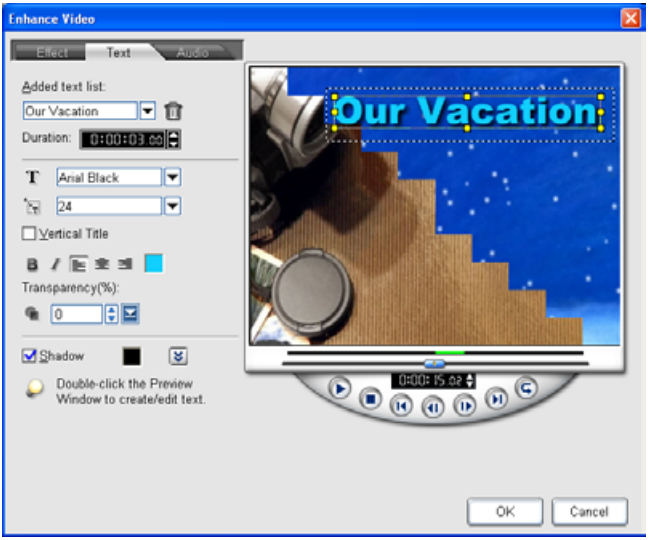
5. Click **OK**.

Options for the Effect tab

- **Auto Add Transition Effects** Click to automatically add transition effects based on the scene changes or chapters of a video title.
- **Add effect only between joint videos** Select to automatically insert transition effects in between videos that are joined together. This option works only with **Auto Add Transition Effects**.
- **Duration** Allows you to specify the length of the selected transition effect.
- **Add to current position** Click to add the selected transition effect to the frame currently displayed on the Preview Window.
- **Added transition list** Select an applied transition effect to edit or remove.
- **Delete** Click to remove the selected transition effect from the video.
- **Delete All** Click to remove all previously applied transition effects.

The Text tab

The Text tab allows you to add and format text.



To add text to your video:

1. In the **Text** tab, drag the **Jog Bar** or use the playback controls to move between frames in the video. Stop when you reach the point where you want to add the text.
2. Double-click the **Preview Window** to enter the text. Specify the duration, font type, size, color, and other properties.
3. Repeat steps 1 to 2 to add more text. You can use the playback controls to preview the result. The text will not overlap each other.

> **Tip:** To modify or delete the added text, select it in the **Added text list** then apply preferred settings or click **Delete**.

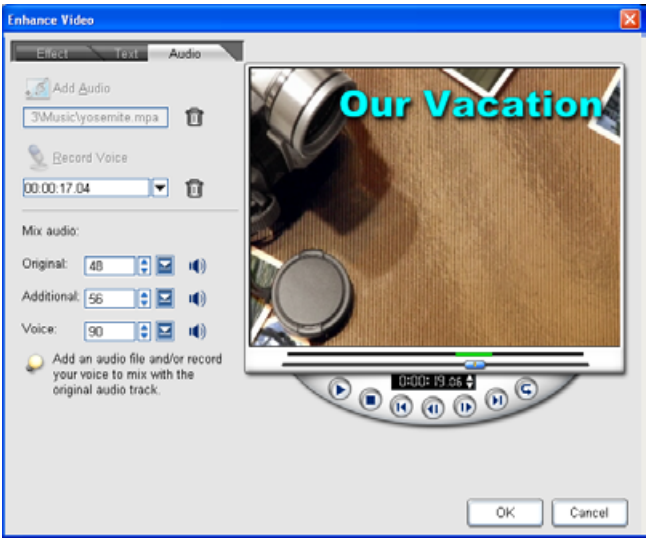
4. Click **OK**.

Options for the Text tab

- **Added text list** Records all the text strings that have been added. Use this list to select the text to edit or remove.
- **Delete** Click to remove the selected text from the video.
- **Duration** Specify how long you want the text to be displayed.
- **Transparency** Enter a value or click to move the slider to adjust the transparency of the text.
- **Show/Hide Shadow options** Toggles between showing and hiding the settings for the text shadow.
- **X-offset** Determines the horizontal distance between the text and the shadow.
- **Y-offset** Determines the vertical distance between the text and the shadow.

The Audio tab

The Audio tab allows you to add audio to your video.



To add audio:

1. In the **Audio** tab, click **Add Audio** to locate the audio file you want to add. You can only add one audio file per video.
2. To add a voice annotation to your video, drag the **Jog Bar** or use the playback controls to move between frames in the video. Stop when you reach the point where you want to insert a voice annotation. Click to start recording.
3. To remove a previously recorded annotation, select it from the **Recorded voice** list then click **Delete**.
4. Adjust the volume for the original audio track, additional audio file, and recorded voice annotations respectively. Click **Play** to preview the result.
5. Click **OK**.

Options for the Audio tab

- **Add Audio** Click to locate an audio file to be used as background music for you video.
- **Record Voice** Click to record and add voice annotations to your video.
- **Mix audio** Enter the specific value or move the slider to adjust the volume level for the Original, Additional, and Voice audio tracks respectively.
- **Mute** Click to disable a specific audio track.

Adding/Editing chapters

This feature is only available when **Create menu** is selected. Through this option, you can create submenus linked to their associated video clips. See "Setup menus" for more details.

Represented as a video thumbnail in a submenu, each chapter is like a bookmark for a video clip.

Viewers can easily select a chapter, then the video clip will immediately jump to the first scene of that chapter and start the playback. This feature is particularly useful when you want to attract your viewers by giving them the freedom to choose a particular part of the movie to watch. Note that these small video

thumbnails only link to its "mother" video without generating any additional physical video files. So, you don't need to worry about the possibility of unexpected file size increase.

Notes:

- You can create up to 99 chapters for a video clip.
- If the **Create menu** option is not selected, you will be guided to the **Preview** step immediately without creating any menus after clicking **Next**.

To create or edit chapters linked to a video clip:

1. Select a video in the Media Clip list.
2. Click **Add/Edit Chapter**.
3. Click **Auto** to let DVD MovieFactory help you select chapters (such as at fixed intervals), or drag the **Jog Bar** to move to a scene to use as the first frame of a chapter and click **Add**.

Tips:

- If you want to use **Auto**, your video must be at least one minute long or has scene change information.
- If you click **Auto** and your video is a DV-formatted AVI file captured from a DV camcorder, DVD MovieFactory can automatically detect scene changes and add chapters accordingly.
- If the selected video is an MPEG-2 file with scene change information, DVD MovieFactory automatically detects each scene change and generates it as a chapter when you click **Auto**.

4. Use **Remove** or **Remove All** to delete unwanted chapters. Use **Show** or **Hide** to include or exclude the selected chapters from the menu.
5. Click **OK**.

Editing a slideshow

Aside from adding photos to your slideshow, you can also add text and voice annotations to the images.

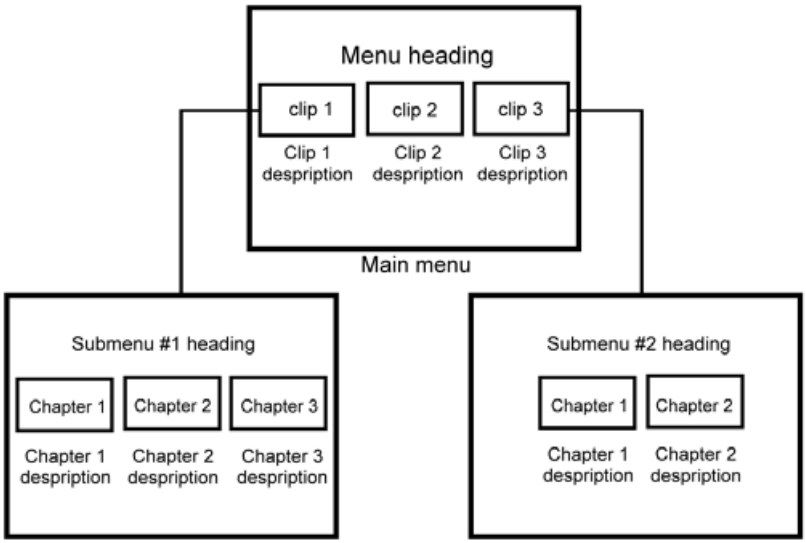
To edit your slideshow:

1. Select the slideshow thumbnail from the Media Clip list and click **Edit Slideshow**.
2. Modify the selected slideshow in the **Edit Slideshow** dialog box. For example, you can add images, slideshow titles, transition effects, and background music.
3. You may select the following additional options:
   - **Record a sound annotation to the selected photo** Click to be able to record voice over for a selected image.
   - **Auto enhance** Click to automatically improve the appearance of the selected image.
4. Click **OK**.

Setup menus

Create main menus and submenus in this step. These menus allow the viewers to instantly access specific portions of your video. DVD MovieFactory offers a set of menu templates to best fit the purpose of each menu. Custom-made menus are also easily created.

See the illustration below to better understand the DVD/SVCD/VCD menu structure.



In this example, Clip 1 has three chapters so when you click the Clip 1 video thumbnail, it will jump to submenu #1. If you look at Clip 2, it has no chapters assigned to it. Therefore, there is no submenu for Clip 2.

To design the menu for your project:

1. In the **Add/Edit Media** page, select **Create Menu**.
2. Click **Next** to open the **Edit Menu** page.
3. Select the menu to modify in **Currently displayed menu**.
4. Select a template layout category in **Menu template** in Menu Template then double-click on a template layout thumbnail to apply it. Click **Customize** if you want to make changes to the layout.
5. Select **Motion Menu** and specify the duration for the moving elements in the menu.

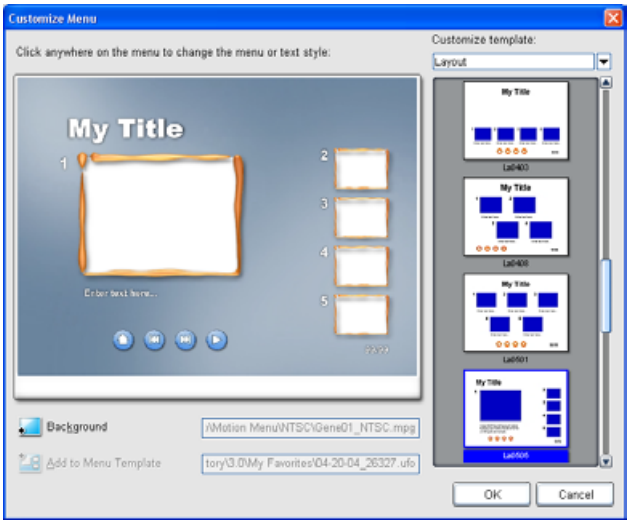
Notes:

- A motion menu template has a special mark as shown at the lower right corner of its thumbnail. You can see the result when you are previewing the project later.
- When **Motion Menu** is selected, the movie will use the beginning part of the video at a fixed duration instead of the first video frame as button thumbnails. The duration of the motion menus ranges from 1 to 30 seconds.
- Using motion menus will increase the file size. Check the disc space usage indicator to make sure that the file size is still within the limit of the DVD. Refer to the **Required menu space** to make sure the space for the menu does not exceed the menu space limit of your selected output.
- Use video backgrounds and buttons to enhance the appearance of your menus. Select a customized template first then choose a video as your motion background.

6. Click **Background** to specify the image or video background for the menu.
7. Click **Background Music** to set the background music for the menu.
8. Click the text description of the thumbnails to change it.
9. Click the thumbnail to choose a different frame for the thumbnail.
10. To view your menu, click **Next** to go to the **Preview** page.

A mark on a menu template indicates that the template's still background can be changed to a motion one.

To create your own menu template:



1. Click **Customize** in the **Setup Menu** page to open the **Customize Menu** dialog box.
2. Select a menu template to modify in **Customize template**.
3. Double-click the thumbnail of the Layout, Scene Frame, or Navigation Button that you want to use.
4. To choose a new image to use as background, click **Background**.
5. Click anywhere in the **Preview window** and select either **Customize Menu Heading Style** or **Customize Text Description Style** to modify it.
6. If you want to save the menu template for later use, click **Add to Menu Template** and enter a file name.

Note: To use your menu template, go to **Menu template library** at the **Setup Menu** page and select **My Favorites** from the list. Double-click your menu template to apply.

Preview

Now, it's time to view your video project and do a final check before you finally burn it onto a disc.

To preview your video project:

1. If you applied motion menu or background video in menus, select **Preview Motion Menu** to the see their behaviors.
2. Click **Play** ▶ to watch your video project and test the menu selection on your computer. Use the navigation controls as you would use a standard remote control of a home DVD player.
3. Click **Volume control** to adjust the audio volume of your computer as you preview your video project.
4. Click **Next** to proceed to the **Finish** step and setup the output settings for your project and burn it onto a disc.

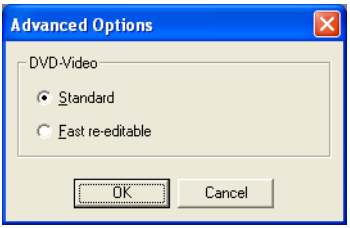
Tip: As you mouse over the controls, a **Tool Tip** appears and tells you its specific function.

Output

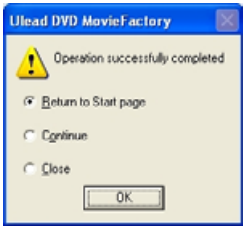
This is the final step in disc-authoring process. Choose the disc burner and/or select the folder where you want to output video files or a disc image file in this step.

To burn your project onto a DVD:

1. Select **Record to disc** and specify the recording format.
2. If you selected **DVD-Video** as the recording format, the **Advanced** button will be enabled. Select **Standard** (industry standard) or **Fast re-editable**.



3. Select **Create DVD** folders to create folders for your project and locate the path where you want to save it.
4. Select **Create disc image file** to make an ISO image file of the DVD for later use.
5. Select **Normalize audio** to make sure that irregular audio levels during playback are prevented.
6. Click **Options** to define the output settings of your project.
7. Click **Output** to start burning.
8. After successfully burning your disc, a dialog box appears from which you can select what to do next. Refer to the image below.



- **Return to Start page** allows you to save the current project and begin a new one.
- **Continue** brings you back to the **Finish** page where you can burn another copy of your project or burn a new disc with a different series of settings.
- **Close** prompts you to save your work and close DVD MovieFactory.

Options for output

- **Record to disc** Select to enable burning of your video project onto a disc.
- **Recording format** Select DVD-Video format if you want to use the DVD industry standard. If you want to quickly re-edit your disc without copying the file to the hard disk, select DVD-Video (fast re-editable) which still complies with the industry standard, and has very high compatibility when working with set-top home DVD players and computer DVD-ROM.
- **Create DVD folders** This option is only enabled when the video file being created is a DVD-Video. The files created are in preparation for burning the video file to a DVD. This also allows the user to view the finished DVD file on the computer using a DVD-Video player software.
- **Create disc image file** Select this option if you plan to burn the video file several times. By selecting this option, you don't have to generate the file again when you want to burn the same video file.
- **Normalize audio** Select to prevent irregular audio levels during playback of your movie. Different video clips may have different audio recording levels when created. When these video clips are put together, the volume could vary greatly from one to another. To make volume levels consistent between clips, Normalize audio function evaluates and adjusts each audio waveform so that the highest peak reaches a certain level, correcting the rest accordingly.
- **Output** Begins the recording process.
- **Erase Disc** Deletes all the data in the rewritable disc.
- **Options** Click to adjust the advanced output settings for burning your project.

Disk/Disc space indicators Use the following indicators as reference when burning your projects. These indicators help determine if you have sufficient space to successfully burn your project onto disc.

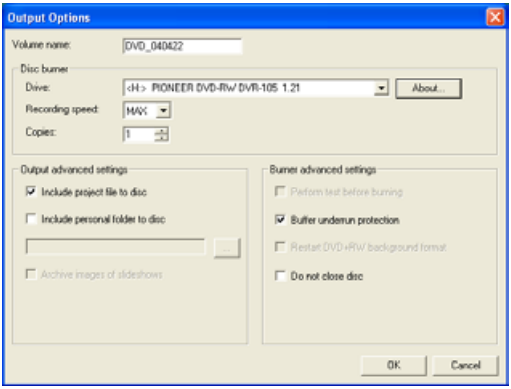
- **Required/Available DVD folder space** Displays the space needed to save the DVD folders and the space available in the hard drive.
- **Required/Available disc image file space** Displays the space needed to save the disc image file and the space available in the hard drive.
- **Required/Available working folder space** Displays the space needed by the working folder of the project and the space available for use in the hard drive.
- **Required/Available disc space** Displays the space needed to fit the video file in the disc and the space that is available for use.

Note:

- Although a 4.7-Gigabyte DVD holds up to two hours of video, the actual size for burning is 4.37 gigabytes. Therefore, make sure your DVD project size is within this limit.
- If you will burn a DVD with nearly 2 hours of video, consider these options to optimize the project size: use a video data rate not higher than 4000 kbps, use MPEG audio, or use still image menus instead of motion menus.

The Output Options dialog box

The various options in the Output Options dialog box determine how your discs are burned.



- **Volume name** Enter a volume name of up to 32 characters onto the CD/DVD.
- **Disc burner** Specify the settings for your burning device.
  - **Drive** Select the disc burner that you want to use to burn the video file.
  - **Recording speed** Select the recording speed that you want to use to burn the video file.
  - **Copies** Set the number of disc copies to burn.
- **Output advanced settings** Choose additional items that you want to include on the disc.
  - **Include project file to disc** Select to include the DVD MovieFactory project file that you created on the disc for later use.
  - **Include personal folder to disc** Select to include any other folders on the disc.
  - **Archive images of slideshows** Select to include images used in your slideshows on the disc.
- **Burner advanced settings** Click to adjust more disc burning settings.

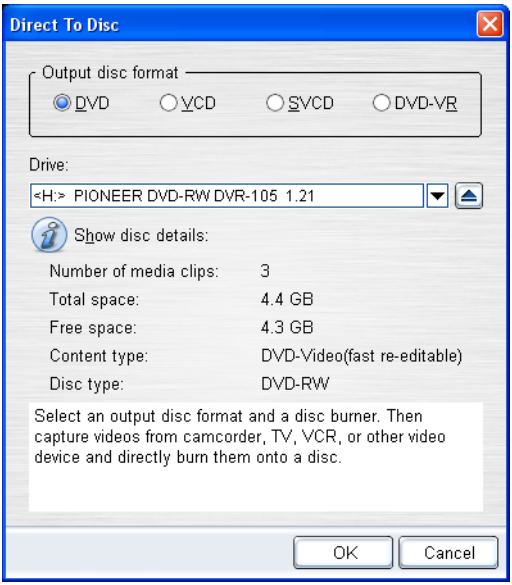
- **Perform test before burning** Select to simulate first (it does not actually burn yet) the CD/DVD burning of the video file. This will help you check if the system speed is enough to send data to the CD/DVD writing device at a specified recording speed. After the simulated burning, actual burning then starts. Clear to burn the disc without performing a test.
- **Buffer underrun protection** Select to use this technology when burning your video file. This technology helps eliminate the buffer underrun problem. Availability of this technology depends on the disc burner you use.
- **Restart DVD+RW background format** Select to format the DVD+RW before recording. Enabling this option will prolong the recording process but will ensure a successful burn. This is recommended when you are using the DVD+RW disc for the first time.

Note: By default, this option is not selected to ensure maximum compatibility.

- **Quick eject** Select this function to greatly reduce the time it takes to finish creating a short DVD when you are using a DVD+RW drive. However, this may result in your disc having compatibility problems with some DVD players.
- **Do not close disc** Select this function to create a multi-session disc for CD-R/CD-RW/DVD-R/DVD-RW/DVD+R.

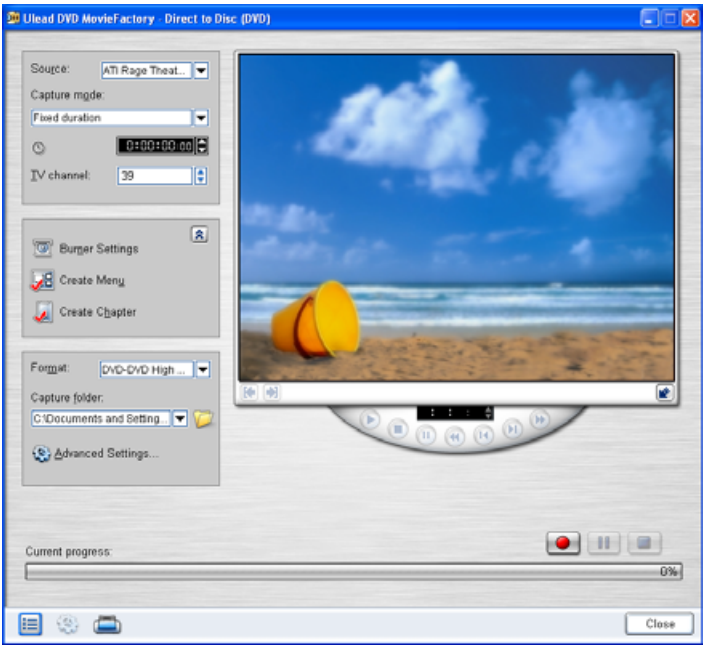
Direct to Disc

Direct to Disc provides you with a fast way to capture videos from a video device (such as DV camcorder, VCR, or TV) through an analog or IEEE-1394 (FireWire) interface card, and then burn them directly onto a video disc. When this task is selected, DVD MovieFactory will initially check both your burner and disc to ensure that there are no problems with your output device and media. Then, you can setup your menu template as well as capture options and settings.



For DVD, VCD, or SVCD

With Direct to Disc, you can capture your videos and directly burn them onto DVD, VCD, or SVCD.

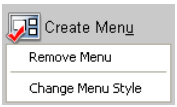


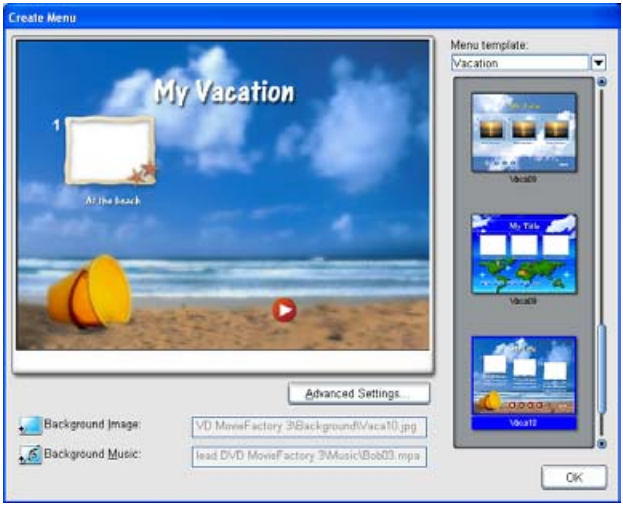
To capture videos directly onto a disc:

1. Make sure your video source is switched on, and is properly connected to your computer.
2. Insert a disc into the disc burner where you want to burn the video, and then click **Direct to Disc** in the **Launcher**.
3. Select an output disc format. Click **Next**.

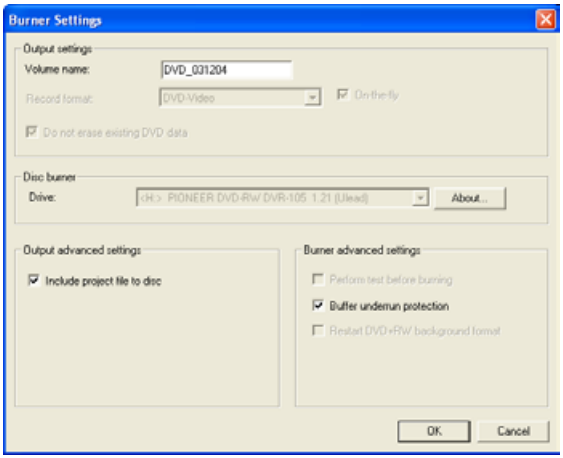
4. Select a DVD recording format.

5. Select the **Source** device to capture from.
6. Set the video length to record in **Duration**.
7. Click **Create Menu** to set up the menu for your video project.





8. Select the menu template and click **Background Image** or **Background Music** to add background image and music. Click **OK**.
9. Click **Create Chapter** to automatically add chapters with a specific time interval.
10. Select the desired output format in **Format**. Select **Customize** to open the **Video and Audio Capture Property Settings** dialog box where you can adjust the settings for your captured video.
11. Click **Burner Settings** to set the disc burner options and properties. See "The Output Options dialog box" for more details.



12. Click **Advanced Settings** to adjust more capture options.
13. Locate the starting point of your video to capture then click **Start Capture**. Click **Pause Capture** to pause the capturing process. Click **Stop Capture** to end the capturing process.
14. After successfully burning your disc, a dialog box appears from which you can select the next step after the burning process.
    - **Return to Start page** returns to the launcher.
    - **Continue** stays in the **Direct to Disc** page for you to do another direct-to-disc task.

- **Close** exits DVD MovieFactory.

Notes:

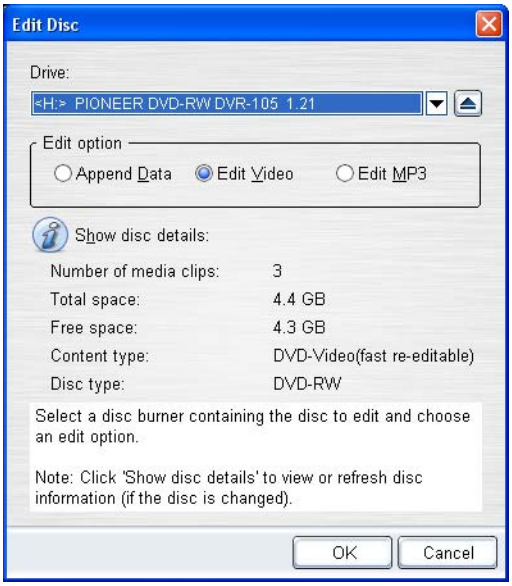
- Click **Expand/Shrink preview window** to enlarge the **Preview Window** and minimize the other options in the **Direct to Disc** dialog box. This gives a larger view of your video. Click **Expand/ Shrink preview window** again to return to the default Preview Window size and layout.
- For details on the capture options and settings, refer to "Capturing video".

Edit Disc (on-disc editing)

With DVD MovieFactory, modify videos and menus directly on a rewritable disc.

To edit a disc:

1. Insert the disc to edit and click **Edit Disc**. Click **Show disc details** if you want to check the disc technical information. (If you change the disc later, you must select this option again to refresh the latest disc information.)


Edit Disc
Drive:
<H:> PIONEER DVD-RW DVR-105 1.21
Edit option
Append Data
Edit Video
Edit MP3
Show disc details:
Number of media clips: 3
Total space: 4.4 GB
Free space: 4.3 GB
Content type: DVD-Video(fast re-editable)
Disc type: DVD-RW
Select a disc burner containing the disc to edit and choose an edit option.
Note: Click 'Show disc details' to view or refresh disc information (if the disc is changed).
OK
Cancel

2. Click **OK**.

3. Add, modify, or remove videos/menus. Click **Next**.

4. Preview your video project, and then click **Next**.
5. Click **Output**.

Notes:

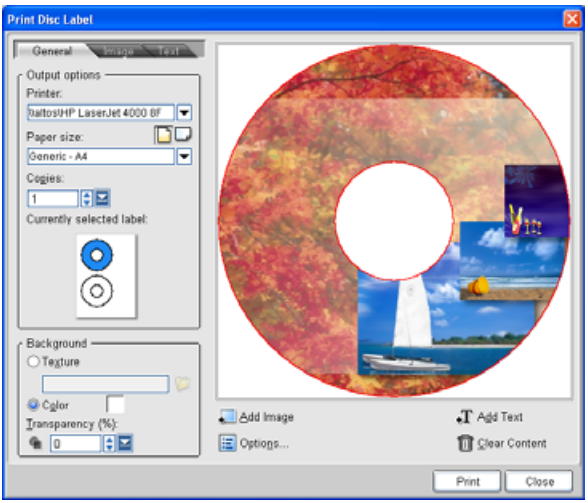
- When editing a DVD movie recorded on DVD-R, the contents will first be copied to your hard drive. It will be burned onto a new disc after you have finished editing.
- You can only edit menus that were created in DVD MovieFactory.

Print Disc Label

Print Disc Label allows you to design and print stunning discs labels and case covers for your discs. It lets you add and lay out images and text.

Print Disc Label dialog box

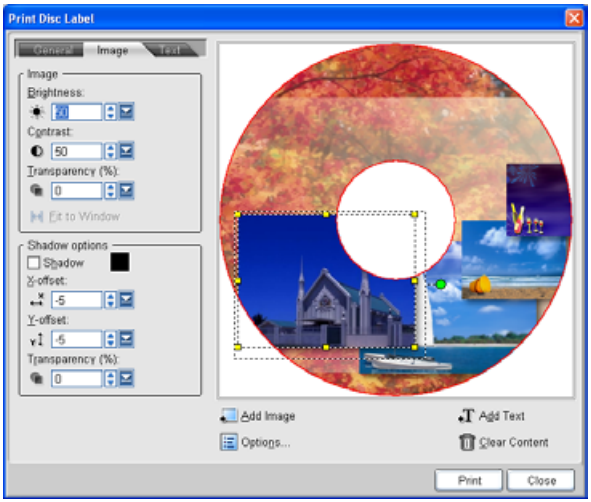
The **General** tab allows you to select a disc label or disc cover template to start with. You can then customize the overall design of the disc label or disc cover.



- **Printer** Select a printer to use.
- **Paper size** Select a paper template to work on or create your own customized template.
- **Paper Orientation** Select whether to use Portrait or Landscape orientation for the paper.
- **Copies** Enter the number of copies to print.
- **Currently selected label** Displays a preview of the currently selected paper template.

- **Texture** Select to use an image file as background for your disc label. Click **Browse** to select the image file to use.
- **Color** Select to use a solid color as background for your disc label. Click the color box to select your desired color from the Ulead Color Picker.
- **Transparency** Adjust the transparency of the background by entering a value or using the slider.

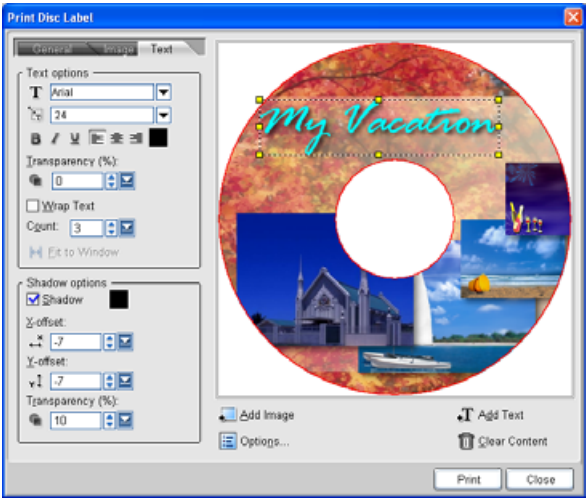
The **Image** tab allows you to adjust images in your disc label or cover design.



- **Brightness** A higher value produces a brighter image.
- **Contrast** A higher value makes the midtone colors stand out more.
- **Transparency** Adjust the transparency of the image by entering a value or using the slider.
- **Fit to Window** Click to fit the image to the disc label or cover layout. The image will be stretched proportionally and centered horizontally and vertically.

- **Shadow** Select to apply a shadow to the image.
- **Shadow color** Click to choose the desired image shadow color.
- **X-offset** Enter the horizontal distance of the shadow from the selected image.
- **Y-offset** Enter the vertical distance of the shadow from the selected image.
- **Transparency** Adjust the transparency of the shadow by entering a value or using the slider.

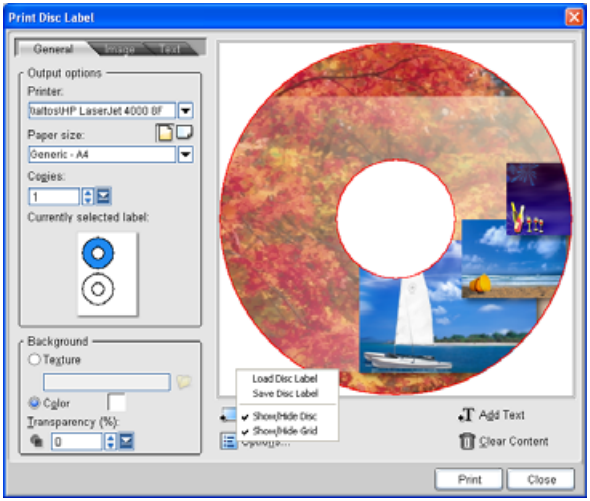
The **Text** tab allows you to add and format text.



- **Wrap Text** Select to wrap the text into a circle.
- **Fit to Window** Click to fit the text to the disc label or cover layout. The text will be stretched proportionally and centered horizontally and vertically.
- **Shadow** Select to apply a shadow to the text.
- **Shadow color** Click to choose the text color.

You can also choose the following tasks to help you with designing your disc label.

Add Image Click to select an image to add on the label.



Load Disc Label Click to open a previously saved disc label project.

Save Disc Label Click to save your disc label project.

Show/Hide Disc Click to show/hide the outline of the disc for better alignment of images or text.

Show/Hide Grid Click to show/hide gridlines for laying out images and text symmetrically.

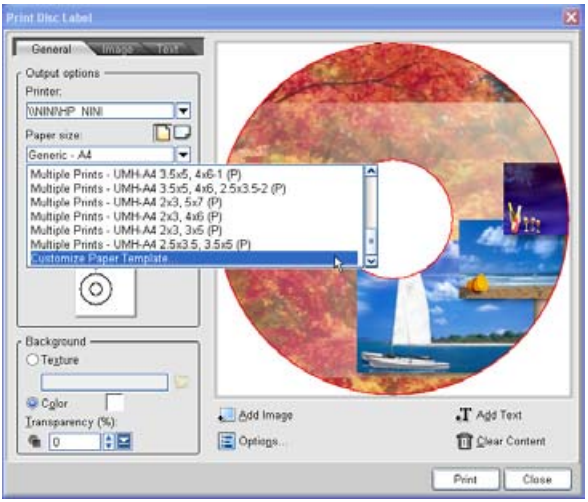
Clear Content Click to remove all objects and background from the disc layout. This is useful when starting over with your design.

Creating custom paper templates

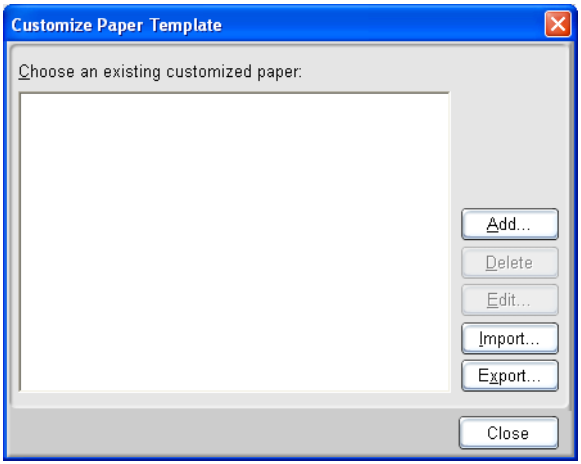
DVD MovieFactory comes with preset paper templates that you can use as labels and covers for your discs. It also lets you create your own paper template.

To create a paper template:

1. Click **Print Disc Label** to open the **Print Disc Label** dialog box.
2. In the **General** tab, select **Customize Paper Template** in **Paper size**.



3. Click **Add**.



4. Enter the template name.
5. Set the unit of measurement in **Unit** and paper dimensions in **Paper size**.
6. To insert a disc label into the template, choose the disc size in **Shape object** and then click **Insert**. You can also insert CD and DVD covers by selecting a shape object from the list.
7. Click **OK** to add the new template or **Close** to go back to the **Print Disc Label** dialog box.
8. To use the newly created template, select it in **Paper size**.

Designing a disc label

When creating a disc label, you can add and customize the look of your images and text.

To add a background image to the disc label:

1. Click the **General** tab.
2. Select **Texture** in the **Background** pane and click **Browse** to locate the image file to be used as texture. Click **OK**. The image will be tiled on the label.

To use a solid color as the base of your disc label:

1. Click the **General** tab.
2. Select **Color** from the **Background** pane, and click the color box to select a color.

To add an image to your disc label:

1. Click **Add Image** to browse for the image to use. Click **OK** to add the selected image on the label.
2. Select the image in the **Preview Window** and use the surrounding handles to resize the image. To move an image, drag it to the desired position on the label.
3. To add more images, repeat steps 1 and 2.

To adjust the background:

1. Click the **General** tab.
2. To adjust the transparency of the background, use the **Transparency** slider to set the appropriate value.

To edit an image:

1. Select the image to edit.
2. Click the **Image** tab.
3. Adjust **Brightness**, **Contrast** and **Transparency** levels of the image by entering the value or using the slider.
4. Select **Shadow** to add a shadow to the selected image. Click the color box to set the shadow color, and adjust the x/y offset values to set the shadow position.

To add text to your disc label:

1. Double-click the disc image in the **Preview Window** and type your text. This automatically activates the **Text** tab.
2. Format the selected text by adjusting the font type, size, style, text color, and alignment. Adjust the text **Transparency** level accordingly.
3. Select **Wrap** to make the text form a circle. To make the text wrap around the disc label, select **Wrap** and click **Fit to Window**. Enter the number of repetitions for the text in **Count**.
4. Select **Shadow** to add a shadow to the selected image, and click the color box to set the shadow color.
5. Adjust the x/y offset values or use the shadow's round and green handles to set the shadow position.

Tips:

- Press **[Ctrl]** and click each element to select multiple elements.
- Right-click an element to open a pop-up menu that contains options for aligning elements, arranging their order, and more.

Importing a disc label

Open your previous disc label projects for re-editing or re-printing.

To open a previously saved disc label project:

1. Click **Options: Load Disc Label**.
2. Browse for the disc label file (*.UPL) to open in the **Open** dialog box.
3. Click **OK** to open the project.

Saving a disc label

After working on your disc label design, you can save it for use at a later time.

To save your disc label:

1. Click **Options: Save Disc Label**.
2. Browse for the folder where you want to save the disc label. Enter a name for the project and click **OK** to save the project.

Printing a disc label

To print your disc label:

1. In the **General** tab, select a printer from **Printer** list.
2. Enter the number of copies to print then click or to select the orientation of the paper.
3. Click **Print**.

Shortcuts

DVD MovieFactory launcher

Function	Shortcut Key
Create Video Disc	
DVD format	D
VCD format	V
SVCD format	S
DVD-VR format	R
New Project	N
Existing Project	X
Direct to Disc	
DVD format	D
VCD format	V
SVCD format	S
DVD-VR format	R
Show disc details	H
Create Slideshow Disc	
DVD format	D
VCD format	V
SVCD format	S
New Project	N
Existing Project	X
Edit Disc	
Append Data	D
Edit Video	V
Edit MP3	M
Show disc details	Alt+H
Copy Disc	
Source	S
Destination	D
Copy	Y
Read speed	R
Write speed	W
Copies	C
On-the-fly	O
Perform test before burning	P
Buffer underrun protection	B
Close	L
Erase Disc	
Disc burner	D
Full erase	F
Quick erase	Q
Don't eject disc after erasing	E

Function	Shortcut Key
Burn from Disc Image	
Source disc image file	S
Destination	D
Copy	Y
Advanced	A
Write speed	W
Copies	C
Perform test before burning	P
Buffer underrun protection	B
Close	L
Preferences	F6

Ulead DVD MovieFactory

Function	Shortcut Key
Add/Edit Media Page	
Capture Video	P
Add Video Files	V
Create Slide Show	S
Import DVD	M
Advance Options	Z
Multi-trim Video	U
Join Video	O
Separate Video	A
Enhance Video/Edit Slideshow	H
Add/Edit Chapter	T
Create Menu	E
Use first clip as introductory video	F
Show media clip information	I
Remove Selected media clip	Del
Set mark-in	F3
Set mark-out	F4
Play	Enter
Play selected video segments only	Hold [Shift] and click the Play button
Play selected area only	Space
Move to higher marker	Home, Page Up
Move to lower marker	End, Page Down
Previous frame	Left arrow
Next frame	Right arrow
Settings and options	Alt+G
Project settings	Alt+J
Print disc label	Alt+L
Preferences	F6
Save	Ctrl+S

Function	Shortcut Key
Open project	Ctrl+O
Help	F1
Next step	Alt+N
Close, Exit	Alt+C
Cut video	F8
Capture Video	
Source	R
Capture mode	O
TV channel	T
Format	M
Capture folder	F
Advanced Settings	A
Capture Video	V
Capture Image	I
Set mark-in	F3
Set mark-out	F4
Expand preview window	D
Advanced capture settings	Z
Add Slideshow	
Slideshow title	Alt+T
Add Photo	Alt+P
Add All	Alt+A
Image duration	Alt+D
Match slideshow duration to background music duration	Alt+M
Setup Menu	
Motion Menu	T
Background	K
Background Music	M
Advanced Settings	A
Customize	U
Previous menu	Left arrow
Next menu	Right arrow
Settings and options	Alt+G
Project settings	Alt+J
Print disc label	Alt+L
Preferences	F6
Save	Ctrl+S
Open project	Ctrl+O
Help	F1
Go back	Alt+B
Next step	Alt+N
Close program	Alt+C
Customize Menu	
Background Image	I
Add to Menu Template	A

Function	Shortcut Key
Preview	
Preview Motion Menu	V
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
0	0
Return	R
Add 10	+
Up button	Up arrow
Down button	Down arrow
Left button	Left arrow
Right button	Right arrow
Enter	E
Play	Ctrl+P
Stop	S
Move to previous one	B
Move to next one	F
Go to Chapter Menu	M
Go to Main Menu	T
Settings and options	Alt+G
Project settings	Alt+J
Print disc label	Alt+L
Preferences	F6
Save	Ctrl+S
Open project	Ctrl+O
Help	F1
Go back	Alt+B
Next step	Alt+N
Close, exit	Alt+C
Finish Page	
Show/hide more output options	Alt+Z
Record to disc	R
Create DVD folders	F
Create disc image file	I
Normalize audio	D
Advanced	A
Output	U
Erase Disc	E
Option	P
Stop burning process	Esc

Function	Shortcut Key
Settings and options	Alt+G
Project settings	Alt+J
Print disc label	Alt+L
Preferences	F6
Save	Ctrl+S
Open project	Ctrl+O
Help	F1
Go back	Alt+B
Close, exit	Alt+C
Direct to Disc Capture Page	
Start capture	Alt+V
Burn setting	Alt+N
Expand/Shrink preview window	Alt+D
Show/Hide Advanced Settings	Alt+Z
Source	Alt+R
Capture Mode	Alt+O
TV Channel	Alt+T
Capture Format	Alt+M
Capture Folder	Alt+F
Select capture folder	Alt+S
Advance settings	Alt+A
Pause Capture	Space
Create Chapter	Alt+H
Create Menu	Alt+U
Stop Capture	Esc

Print Disc Label

Function	Shortcut Key
General	
Texture	Alt+X
Color	Alt+O
Transparency (Background)	Alt+T
Add Image	Alt+A
Options	Alt+N
Add Text	Alt+D
Clear Content	Alt+C
Copies	Alt+P
Image	
Brightness	Alt+B
Contrast	Alt+O
Transparency (Image)	Alt+T
Fit to Window	Alt+F
Shadow	Alt+H
X-offset	Alt+X
Y-offset	Alt+Y

Function	Shortcut Key
Transparency (Shadow)	Alt+R
Add Image	Alt+A
Options	Alt+N
Add Text	Alt+D
Clear Content	Alt+C
Text	
Transparency (Text)	Alt+T
Wrap Text	Alt+W
Count	Alt+O
Fit to Window	Alt+F
Shadow	Alt+S
X-offset	Alt+X
Y-offset	Alt+Y
Transparency (Shadow)	Alt+R
Add Image	Alt+A
Options	Alt+N
Add Text	Alt+D
Clear Content	Alt+C
Customize Paper Template	
Choose a customized paper template	Alt+C
Add	Alt+A
Delete	Alt+D
Edit	Alt+E
Import	Alt+I
Export	Alt+X
Add/Edit Paper Template	
Template name	Alt+T
Width	Alt+W
Height	Alt+H
X-offset	Alt+X
Y-offset	Alt+Y
Insert	Alt+I

Glossary

Analog

A signal that continuously varies in frequency or quantity, rather than discrete units (1 and 0) found in digital devices. Information from an analog source must be converted to digital in order for a computer to interpret it.

Aspect Ratio

The proportion of a picture's width and height.

Burn

The process of writing or recording content to a CD or DVD.

Button

An object assigned (linked) to an attribute which, when clicked, performs a specific function. Buttons are commonly used to play an assigned chapter or move to the next or previous one.

Capture Plug-ins

Programs included in DVD MovieFactory that allow your video camera to communicate with your computer.

Compression

The process of making a file smaller by removing redundant data. Nearly all digital video is compressed in some way or another through a codec.

Device Control

A software driver that allows your computer to control video sources like the camcorder or VCR.

DV

Abbreviation for Digital Video, which is a very specific format of video. DV can be understood (played back, recorded) by your camcorder and also by your computer if you have the proper hardware (capture card) and software (DV codec).

Disc image files

Files that contain the entire content of a storage medium (e.g. CD-ROM).

Field order

The order in which a field in interlaced video is displayed first during playback. This can either be Lower Field First or Upper Field First. A field is one of the two half-frames in interlaced video. Field order is

not applicable for frame-based videos which are displayed with complete single frame pictures.

Introductory Video

The video clip that automatically plays when the disc is inserted into the player.

LPCM audio

Abbreviation for Linear PCM which is a high quality uncompressed audio format similar to CD audio, but with higher sampling frequencies and quantization. Due to its high data retaste bandwidth for video on a DVD video disc is lessened if LPCM audio is used.

Menu

A group of objects set against a background that allows a viewer to navigate through the scenes or immediately proceed to a specific portion of the title.

Motion Menu

A menu that features animated backgrounds and/or buttons.

MPEG audio

A family of standards for low bit-rate coding of audio.

Normalize audio

This function evaluates and adjusts the audio waveform of each video clip used in a movie so that the highest peak reaches a certain level, correcting the rest accordingly to avoid volume level variation.

NTSC

NTSC is the video standard in North America, Japan, and some other regions. Its frame rate is 29.97 fps and has a video resolution of 720x480 pixels.

PAL

PAL is the common video standard in Europe, Australia, New Zealand, China, Thailand, and other Asian countries. It has a frame rate of 25 fps, and has a video resolution of 720x576 pixels.

Split by Scene

A command which is applicable to captured DV AVI files in the Library. This automatically splits a single video file into multiple clips based on the changes in recording date and time.

Index

A

Add Media 15
Adding video files 25
Adding/Editing chapters 39
Analog capture card 9, 11
Audio input source 20
Audio tab 38

B

Buffer underrun protection 53
Burn from Disc Image 14

C

Capture Options 18
Capturing analog video 18
Capturing DV video 17
Capturing still images 23
Capturing TV footage 22
Capturing video directly to MPEG format 24
Change Field Order 21
Channel 20
Configuring DVD MovieFactory 10
Create Data Disc 13
Create Music Disc 13
Create Slideshow Disc 13
Create Video Disc 12
Creating a slideshow 26

D

Direct to Disc 13, 54
    DVD, VCD, or SVCD 55
Disc Template Manager 30
Disk/Disc space indicators 50
DMA for IDE disks 9
Double-layer DVD 29
DV 10
DV Type-1 17
DV Type-2 17
DVD Player 14

E

Edit Disc 14
Edit Media 33
Effect tab 35
Enhance Video 35
Erase Disc 14

F

Frame rate 19
Frame size 20

H

Hardware checkup and configuration 8

I

IEEE-1394 interface card 8
Image duration in slideshow 29

Image quality 30
Importing DVD-Video 26
Input Source 19
Input type 20

J

Joining/Separating videos 34

L

launcher 12

O

Output 48
Output Options 52

P

Preview 46
Print Disc Label 14, 61
Project Settings 27, 31

R

Resample quality 29

S

Settings and Options 28
Setup menus 42
Setup Preferences 27
Shortcuts 69
software compression 19
Split by Scene 23
System requirements 7

T

Text tab 37
Trimming a video 33
TV system 19, 29
TV tuner 20

U

USB input device 11
USB port 10

V

VCD player compliant 29
Video and Audio Capture Property Settings 19
Video quality slider 20

Ulead DVD MovieFactory DiskRecorder

User Guide
Ulead Systems, Inc.
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Sample files

Files provided as samples on the program CD can be used for personal demonstrations, productions and presentations. No rights are granted for commercial reproduction or redistribution of any sample files.

North & South America
Ulead Systems Inc.
http://www.ulead.com
Support: http://www.ulead.com/tech

International
Ulead Systems, Inc.
http://www.ulead.com
http://www.asiapac.ulead.com
http://www.ulead.com.tw
Support:
http://www.ulead.com/tech
http://www.asiapac.ulead.com/tech
http://www.ulead.com.tw/tech

Japan
Ulead Systems Inc.
http://www.ulead.co.jp
Support: http://www.ulead.co.jp/tech

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France
http://www.ulead.fr
Support: http://www.ulead.fr/tech

Table of Contents

Welcome to Ulead DVD MovieFactory DiskRecorder . . . 4

System requirements 4

Hardware checkup and configuration 5

Running Ulead DVD MovieFactory DiskRecorder 5

Create or edit disc 6

- Introduction to the workspace 6
- Capturing videos 7
- Preferences 8
- Adding video files 9
- Importing DVD video 9
- Protecting programs 10
- The Playlist 10
- Exporting video files 11
- Burning your disc 12

Direct to disc 13

Copy disc 15

Index 16

Welcome to Ulead DVD MovieFactory DiskRecorder

DVD-VR (Video Recording) is a widely accepted video recording format often used with hardware devices such as DVD camcorders or DVD set-top recorders. It was created by the DVD Forum to bring the familiar functionality of VCRs to video editing.

With Ulead DVD MovieFactory DiskRecorder, users can capture, edit, and save videos in the VR format or convert these videos to the DVD-Video format for use with DVD-RW or DVD-RAM.

System requirements

To be able to run Ulead DVD MovieFactory DiskRecorder on your computer, make sure the following minimum requirements are met:

- Intel® Pentium III® 800 MHz CPU or higher (Pentium® IV 2.4 GHz recommended)
- Microsoft® Windows® 98 SE, 2000, Me, or XP
- 128MB of RAM (256MB RAM or higher recommended)
- 200MB of available HDD space for program installation
- 4 GB or more of HDD space for video capture and editing
- Windows-compatible display with at least 800x600 resolution
- DVD burner
- DVD-RAM or DVD-RW disc
- Windows-compatible mouse, display card, and sound card

To utilize the full capabilities of Ulead DVD MovieFactory DiskRecorder, the following additional components are recommended:

- Capture devices such as TV tuner card and camcorder
- OHCI compliant IEEE-1394 card for use with DV camcorder

Hardware checkup and configuration

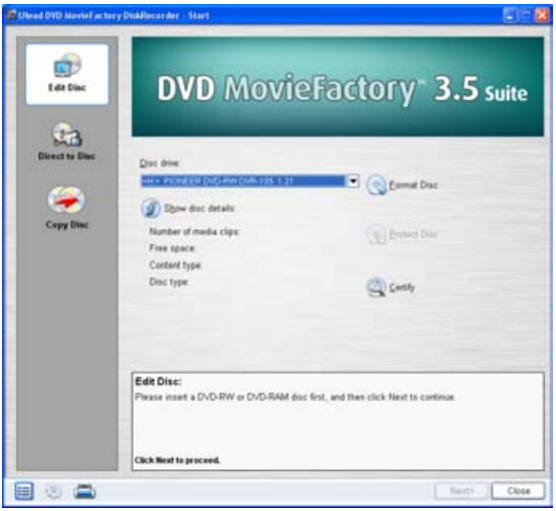
To make sure your video production runs smoothly and trouble free, click **Control Panel: System - Hardware - Device Manager** and check if your devices are working properly in accordance with your Operating System (O/S).

In general, as long as the device can be seen and working properly in the **Device Manager** (this applies to all Windows version), Ulead DVD MovieFactory DiskRecorder will be able to detect it and work with it.

Also make sure that a DVD burner is properly connected and configured and that you have the appropriate DVD to use.

Running Ulead DVD MovieFactory DiskRecorder

Run the **DVDVR.exe** file located in the Ulead DVD MovieFactory DiskRecorder program folder. Here, you can choose to do on-disc editing (Edit Disc), or insert and burn videos directly on a disc (Direct to Disc), or make a disc copy (Copy Disc).



Create or edit disc

Ulead DVD MovieFactory DiskRecorder gives you an easy way to capture videos, add/edit video files, and import DVD videos into your DVD-VR disc project.

Introduction to the workspace

1. Add media buttons
2. Preview Window
3. Program list
4. Edit and info
5. Settings and options
6. Project settings
7. Print disc label
8. Disc space usage
9. Program video clip list
10. Navigation controls

1 **Add media buttons** Use these buttons to add videos.

2 **Preview Window** Use this to view your videos.

3 **Program list** Select a program (video clip) to display in the Program video clip list.

4 **Edit and info** Use these buttons to remove, join, or separate programs/still images, or view program properties.

5 **Settings and options** Click to open a menu where you can customize the settings for video playing, save your project, or view information about Ulead DVD MovieFactory DiskRecorder.

6 **Project settings** Click to view information about the project and customize its output settings.

7 **Print disc label** Click to create disc labels or covers.

8 **Disc space usage** Displays the total file size and video length to be used in the disc.

9 **Program video clip list** Click a thumbnail to select a program (video clip).

10 **Navigation controls** Use these buttons to preview and edit your video clips.

Capturing videos

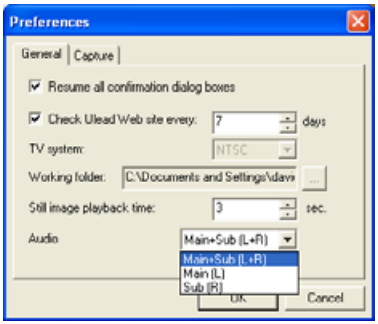
Ulead DVD MovieFactory DiskRecorder lets you capture videos from digital and analog sources.

To capture videos:

1. Click **Capture**.
2. Select the device to capture from **Source** and TV channel if capturing from TV tuner.
3. Select a capture mode and video format.
4. If capturing from a DV device, use the navigation controls to locate the starting point of the video to capture.
5. Click **Capture Video**.
6. Press **[Esc]** to stop. Repeat steps 2 to 6 as needed to capture more videos.
7. Click **OK**.

Preferences

You can determine most of the program settings here. For example, you can select different audio tracks for playback in the **Audio** list.

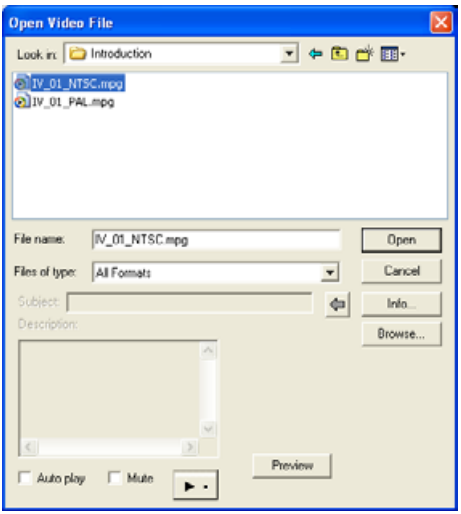


Adding video files

You can add video files of different formats such as **AVI**, **MPEG**, and **WMV** and so on into your movie.

To add a video file to your project:

1. Click **Add Video**. Locate the video file(s) in the **Open Video File** dialog box. Use **[Ctrl]** or **[Shift]** to select multiple files.
2. Click **Open**.



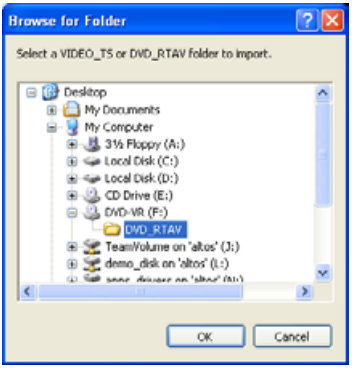
Importing DVD video

You can also import DVD videos (non-copyrighted videos only) into your movie.

To import DVD video:

1. Click **Import DVD Video**.
2. Locate the folder that contains the video files. Specifically, find the **VIDEO_TS** folder on a DVD+R/RW or DVD-R/RW disc or the **DVD_RTAV** folder for DVD-VR files on DVD-R/RW or DVD-RAM disc.

3. Click the video clip you want to import. Use **[Ctrl]** or **[Shift]** to select multiple videos and then click **Finish**.



Protecting programs

To ensure that video clips (programs) will not be changed or removed, you can click the lock icon next to the Program list to switch between protected and unprotected modes. When a program is protected, only playback is allowed.

The Playlist

With playlists, you can watch specific video sections in the playback sequence you like. This is done by creating a series of video scenarios retrieved from DVD-VR program video clips. Ulead DVD MovieFactory DiskRecorder allows you to create and edit playlists from your DVD-VR disc.

To add or edit a playlist:

1. Click the **Playlist** tab.
2. Select a playlist to edit or click **Add Playlist** to create a new one. To delete a playlist, select it from the list then click **Remove Playlist**.
3. Select a program and use the **Jog Bar** and the mark-in/mark-out buttons to locate the portions to include in the playlist playback. Click **Add to Playlist**.

4. To add more playlists or programs, repeat steps 2 to 4.
5. Press **[Ctrl]** or **[Shift]** to select multiple video segments, and then use the edit buttons to join or separate them as needed.

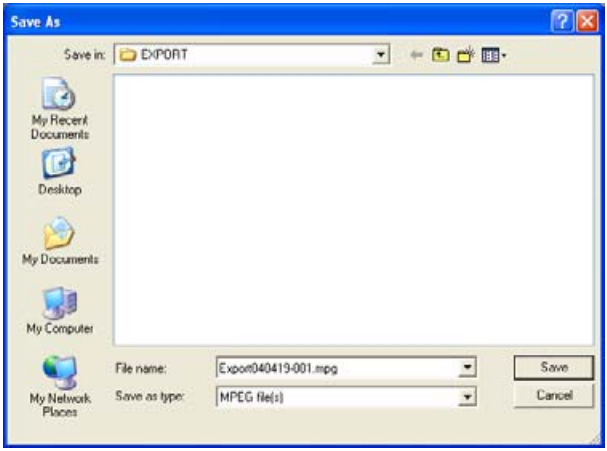
Exporting video files

You can save video clips in the programs or playlists as another video files in the MPEG file format.

To export video files:

1. Select the video clips you want to export from the Program video clip list or the playlist.
2. Right-click and select **Export As Video File(s)**.
3. Select the folder to save the file (s) and enter the file name.

4. Click **Save**.



Burning your disc

After creating the contents of your DVD-VR disc, you are now ready to burn it onto a disc.

To burn your disc:

1. Select a video segment and use navigation controls to preview your movie.
2. Click **Burning Options** and specify the volume name and disc burner to use.

3. Click **Output** to begin the burning process.

Direct to disc

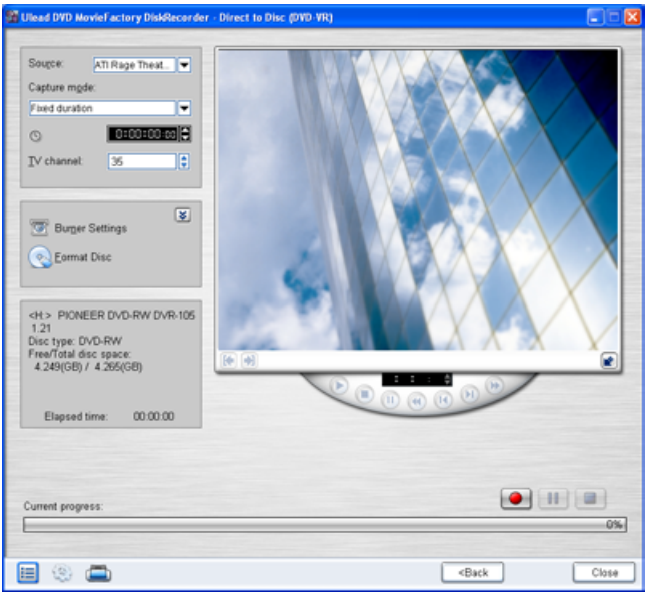
Ulead DVD MovieFactory DiskRecorder provides a fast way to capture videos, and then burn them directly onto a disc in the DVD-VR file format. When this task is selected, Ulead DVD MovieFactory DiskRecorder will initially check both your burner and disc to ensure that there are no problems with your output device and media.

To capture videos directly onto a disc:

Make sure your video source is switched on, and is properly connected to your computer.

1. Insert a disc into the burner, then click **Direct to Disc** (and select **DVD-VR)**.
2. Select the device to capture from **Source**.

3. Select a capture mode and TV channel if capturing from a TV tuner. Click **Show/Hide Options Panel** to view additional settings as needed.
4. Select the capture format.
5. Click **Burner Settings** to set the volume name and disc burner to use.
6. Locate the starting point of your video to capture, and click **Capture**. Click **Pause Capture** to pause the capturing process. Click **Stop Capture** to end the capturing process.



Copy disc

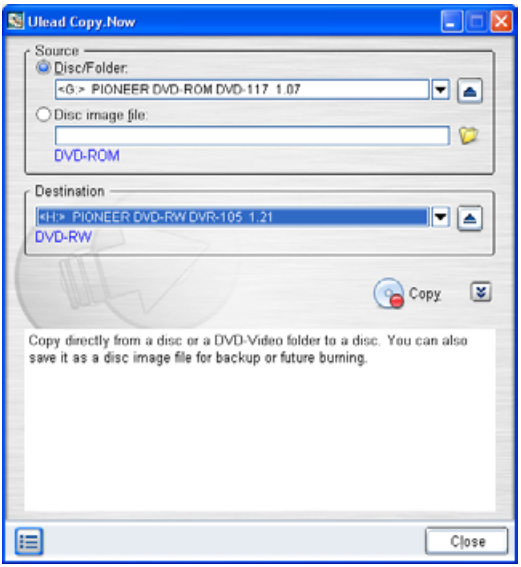
Here you can copy from a disc, DVD-Video folder, or disc image file and make a disc copy.

To copy a disc:

1. Select **Copy Disc**.
2. Select the source disc, DVD-folder, or disc image file from the **Source** list.

> **Note:** Click ▾ to see more choices for the source file.

3. Select the target from the Destination list.
4. Click ⏬ for more advanced settings.
5. Click **Copy**.



Index

A
Add video files 9

B
Burning your disc 12

C
Capture videos 7
Copy disc 15

D
Direct to disc 13
Disc space usage 7

E
Edit and info 7
Exporting video files 11

H
Hardware checkup and configuration 5

I
Importing DVD video 9
Introduction to the workspace 6

N
Navigation controls 7

P
Playlist 10
Program list 7
Program video clip list 7
Protecting programs 10

R
Running Ulead DVD MovieFactory DiskRecorder 5

S
Settings and options 7
System requirements 4

Ulead® DVD Player

User Guide
Ulead Systems, Inc.
May 2004

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Sample files

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North & South America
Ulead Systems Inc.
http://www.ulead.com
Support: http://www.ulead.com/tech

International
Ulead Systems, Inc.
http://www.ulead.com
http://www.asiapac.ulead.com
http://www.ulead.com.tw
Support:
http://www.ulead.com/tech
http://www.asiapac.ulead.com/tech
http://www.ulead.com.tw/tech

Japan
Ulead Systems Inc.
http://www.ulead.co.jp
Support: http://www.ulead.co.jp/tech

China
Ulead Systems, Inc.
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France
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Support: http://www.ulead.fr/tech

Table of Contents

Welcome to Ulead DVD Player 4

The User Interface 4

Control Panel 4

Preferences 9

Skin 10
Video 10
Audio 11
Capture 12
Playlist 13
Information 13

Playing a disc 14

Shuttle search 14
Viewing by bookmarks 15

Playing media files 16

The playlist 16

Viewing from a video source 17

Capturing images 18

Command descriptions and shortcut keys 19

Index 22

Welcome to Ulead DVD Player

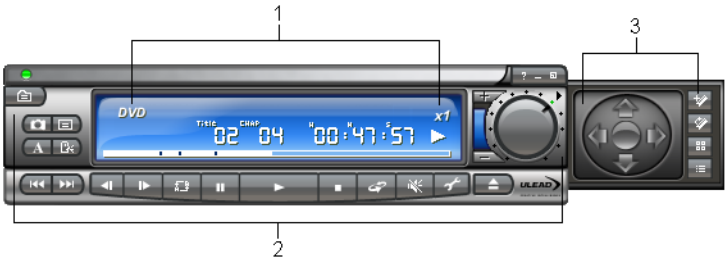
Ulead® DVD Player is a powerful, yet intuitive to use DVD software player designed for creative video enthusiasts. It supports a wide range of disc formats from DVD (including DVD-VR), VCD, SVCD, miniDVD to Audio CD, and various video, image, audio, and media file formats (MPEG-2, JPEG, Dolby Digital, MOV, etc.).

More features in DVD Player include the ability to capture still images from videos, personalize the look and feel of the player with various skin designs, and create playlists.

The User Interface

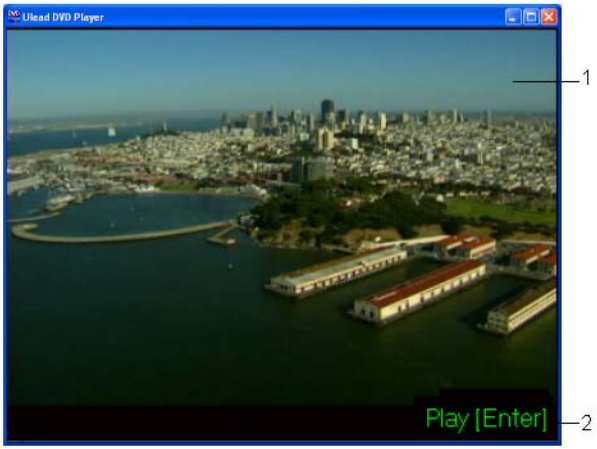
Ulead DVD Player provides you with various controls to play back your media files.

Control Panel



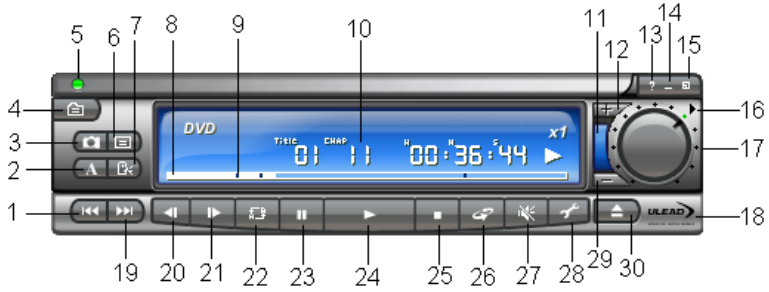
1 Status display
2 Playback controls and options
3 Menu controls

Note: Available controls and their positions may vary depending on the Control Panel skin or the media type you choose.



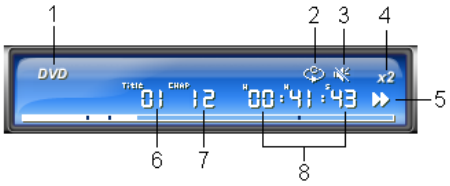
1 Video Window Displays the media file to be played back.

2 Action message Indicates the command you have just selected. It will disappear after a few seconds.



1 Previous
2 Subtitle
3 Capture image
4 Media source
5 Exit
6 All menus
7 Select audio language
8 Playback progress bar
9 Bookmarked point
10 Status display
11 Volume status
12 Volume up
13 Online Help
14 Minimize Control Panel
15 Change screen size
16 Expand/Shrink skin

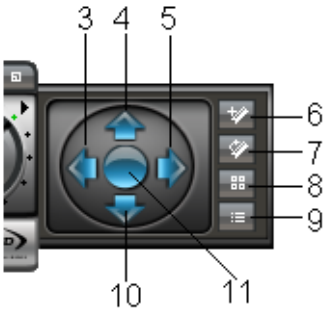
17 Shuttle search controls
18 About
19 Next
20 Step backward
21 Step
22 A/B repeat
23 Pause
24 Play
25 Stop
26 Repeat
27 Mute
28 Preferences
29 Volume down
30 Open/Close



1 Current media type
2 Repeat mode
3 Volume on/off status
4 Playback speed
5 Playback mode
6 Current title
7 Current chapter
8 Current playback timecode

VCD and SVCD

DVD



1 Numeric keys used to select a chapter. Click **Enter** to confirm selection.

2 Enter

3 Left

4 Up

5 Right

6 Add bookmark

7 Go to bookmark

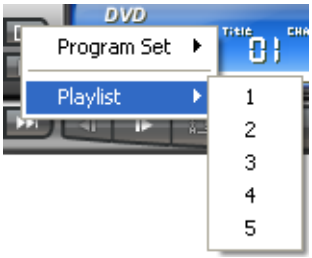
8 Menu

9 Title menu

10 Down

11 Enter

Available options after clicking **All Menus**.



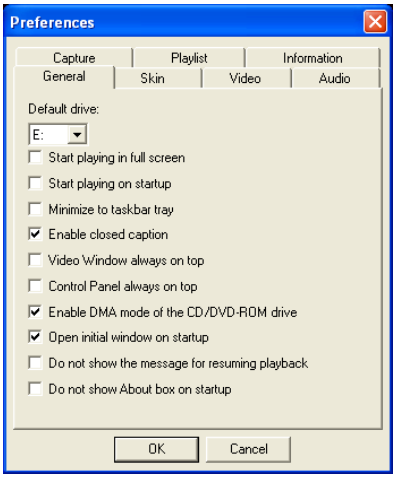
Available options after clicking **All Menus** when the DVD is using the VR recording format.

Right-click menu

Preferences

Customize the capture and playback settings and appearance of the Ulead DVD Player. To customize, select **Preferences** in the right-click menu.

Note: It is recommended to select **Enable the DMA mode of your CD/DVD-ROM drive** to ensure maximum performance.

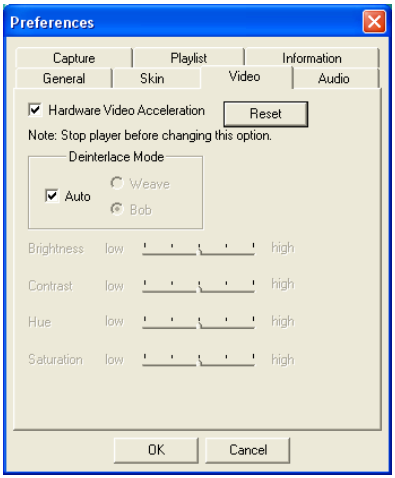


Skin

Select the skin for the Control Panel.

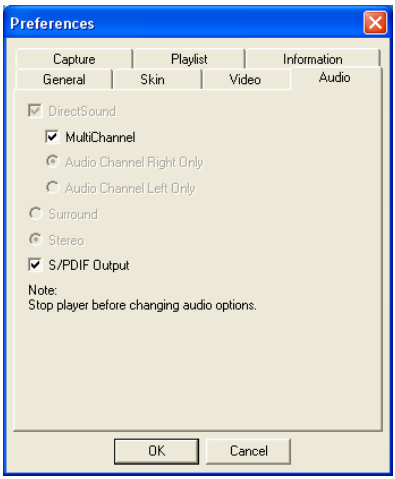
Video

Please select **Hardware Video Acceleration** to maximize program performance. You can also customize the video appearance here.



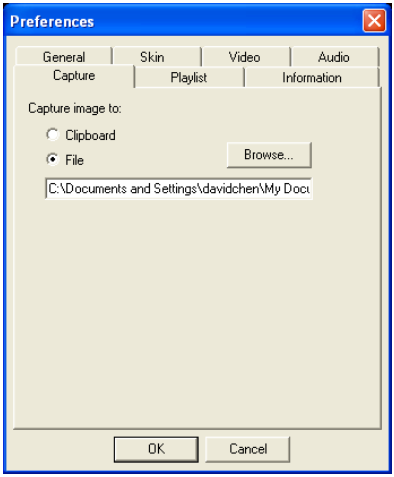
Audio

Audio options available here depend on the hardware installed on your computer and the disc type. **DirectSound** provides virtual 3D sound while **Surround** provides a two channel Dolby Digital decoder that downmixes 5.1 channel surround sound. When using a karaoke disc, you can select either the left or right channel to playback voice or background music only. The **S/PDIF Output** provides a digital interface to maintain audio quality when transferring audio signals.



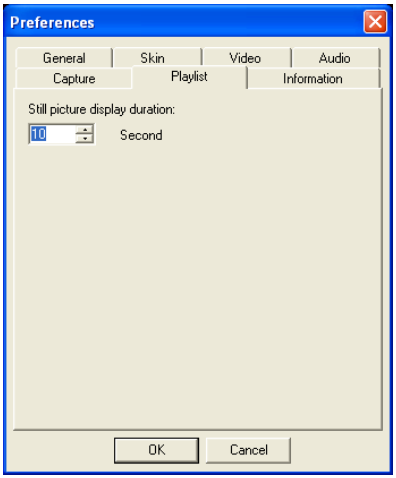
Capture

Here you can decide where to save captured image files.



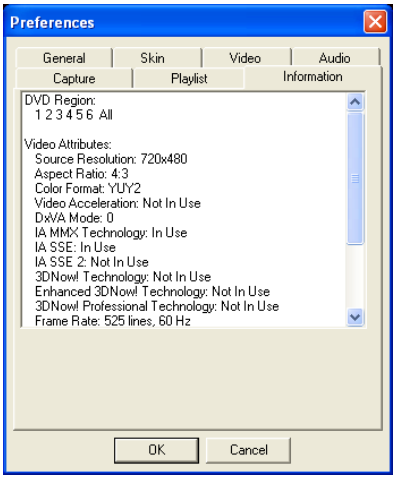
Playlist

Here you can set the display duration of an image file.



Information

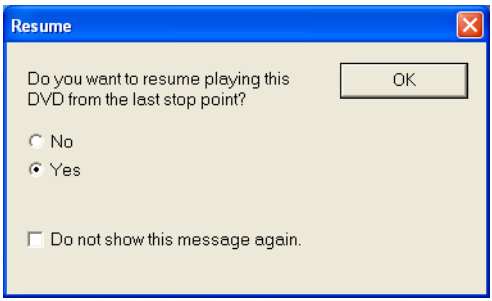
Here you can view video and audio information of the current disc.



Playing a disc

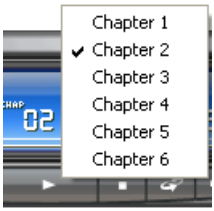
To play a disc, insert the disc into your disc drive. Ulead DVD Player will automatically play back the disc. The related file formats must first be associated with Ulead DVD Player.

If you have previously viewed a DVD in Ulead DVD Player, the player will be able to resume playing from the point where you stopped the playback.



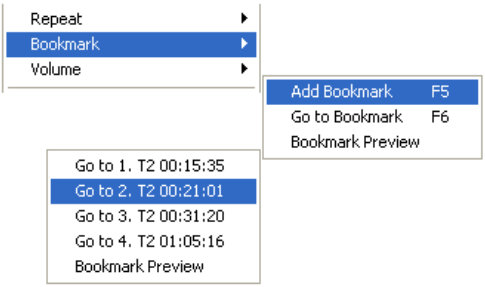
Shuttle search

During DVD playback, you can right-click the **Play** or the **Title Menu** button to jump to another title or chapter. To fast forward or rewind, select **Search: Forward Scan [F]** or **Search: Backward Scan [B]** in the right-click menu. Pressing the shortcut key repeatedly will loop the playback speed from 2X, 4X, 8X, 32X and then back to normal. To quickly go through your media file, click a point around the dial or drag the Playback progress bar.



Viewing by bookmarks

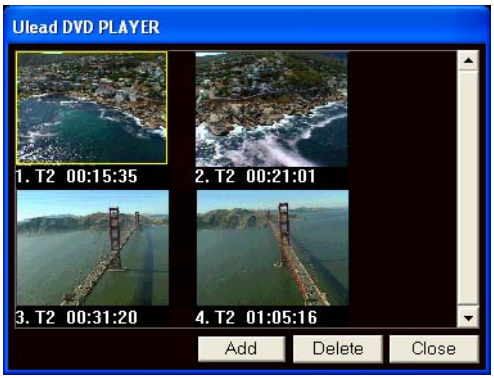
Bookmarks are specific points in your video that you mark so viewers can quickly go to those points in the video.



Example of a bookmark list

To create and use bookmarks:

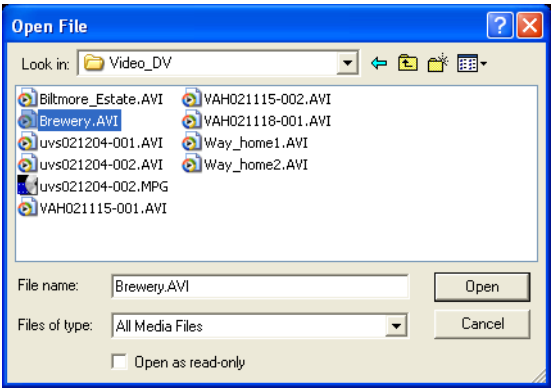
1. While the DVD is playing, press **[F5]** (or select **Bookmark: Add Bookmark** in the right-click menu) when you see a scene you want to add as a bookmark. You can add as many bookmarks as you want.
2. Press **[F6]** (or select **Bookmark: Go to Bookmark** in the right-click menu) to jump to a bookmarked scene.



Note: In the bookmark list, select **Bookmark Preview** to manage all bookmarks.

Playing media files

You can play video, audio, or image files located in the hard drive or other storage device. To play, right-click the Control Panel or the Video Window and select **Media Source: File**. Select a file and click **Open**.



Tip: You can select multiple media files in Windows Explorer, and then drag them to the DVD Player Video Window to play back.

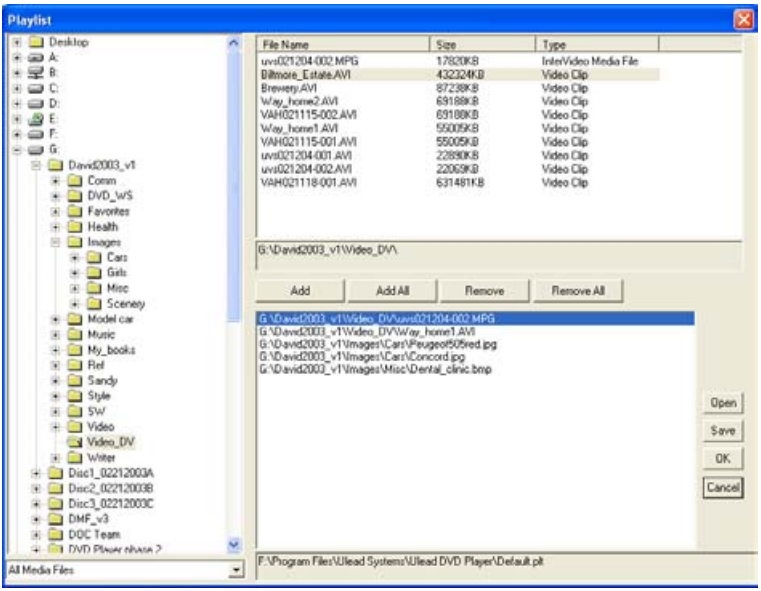
The playlist

A Playlist is a series of media files that are played in sequence.

To create a playlist:

1. Right-click the Control Panel or the Video Window and select **Media Source: Playlist**.
2. Use the left pane to locate the folder(s) containing the file(s) you want to add to the playlist.
3. Select the file(s) from the upper pane and click **Add** or **Add All** to add them to the playlist.
4. Repeat steps 2 and 3 to add more files. Click **Save** to save the playlist.

5. Click **OK** to start playback. (Click **Open** to select an existing playlist, and then click **OK** to start playback.)



Note: During playback, right-click the **Play** button to quickly select a file in the playlist to play.

Viewing from a video source

Ulead DVD Player allows you to view video from various video devices such as DV camcorders, Web cameras, TVs, VCRs and more.

Note: A capture device such as an IEEE-1394 card is needed to connect your video source to your computer.

To view video from a DV camcorder:

1. Connect your DV camcorder to the IEEE-1394 card.
2. Turn on the DV camcorder and set it to Camera or Play mode.
3. Right-click the Control Panel or the Video Window and select **Media Source: Capture Device**. The video will be displayed in the Video Window.

Capturing images

Ulead DVD Player allows you to capture still images from videos. To capture, select **Capture: Capture Image [G]** in the right-click menu.

In the **Preferences** dialog box - **Capture** tab, you can choose to either capture images to the clipboard or save the images in your hard drive. Images are saved in the BMP file format.

Command descriptions and shortcut keys

Command	Shortcuts	Description
About	[Ctrl + A]	Displays copyright information and version number.
Help	[H]	Opens the Help.
Play	[Enter]	Starts or resumes playback.
Slow Motion	[Ctrl + L]	Plays at a slower speed.
Pause	[Space]	Stops playback temporarily.
Stop	[S]	Stops playback.
Step	[.]	Goes to the next frame.
Step Backward	[/]	Goes to the previous frame.
Capture Image	[G]	Captures the current frame as a still image.
Title Menu	[T]	Goes to the main menu.
Chapter Menu	[M]	Toggles between the chapter menu and the last stop point of a chapter.
Next	[N]	Goes to the next chapter or track.
Previous	[P]	Goes to the previous chapter or track.
Forward Scan	[F]	Goes forward through the video.
Backward Scan	[B]	Goes back through the video.
Playlist	[Ctrl + P]	Opens the Playlist dialog box.
File	[O]	Opens to the Open File dialog box.

Disc	[C]	Switches to the disc playback mode.
Capture Device	[D]	Switches to the capture device playback mode.
Open/Close	[Ctrl + E]	Opens/Closes the disc drive tray.
Preferences	[E]	Opens the Preferences dialog box.
Add Bookmark	[F5]	Marks a particular scene as a bookmark.
Go to Bookmark	[F6]	Goes through the bookmarks in your video.
Repeat	[R]	Switches between repeated chapter playback or repeated title playback and disabling the repeat function.
A/B Repeat	[F4]	Loops a segment (point A to point B) of your video that you marked. Point A is the beginning of the segment while point B is the end of the segment. To disable A/B Repeat, click the button.
Window	[W]	Switches the Video Window between different screen sizes.
Video on Control Panel	[Ctrl+V]	Switches between the floating video window and the docked video window.
Camera Angle	[A]	Switches between different camera shooting angles.

Audio Language	[L]	Switches between different audio languages.
Subtitle	[U]	Switches between different subititle languages.
Subtitle Position - Options	[F8]	Opens the Subtitle Options dialog box.
Subtitle Position - Up	[F9]	Moves up the subtitle position.
Subtitle Position - Down	[F10]	Moves down the subtitle position.
Parental Control	[No shortcut]	Opens the Parental Control Options dialog box.
Volume Up	[+]	Increases the volume level.
Volume Down	[-]	Decreases the volume level.
Mute	[No shortcut]	Mutes the audio track. Click it again or the volume controls to restore audio.
Minimize	[Ctrl+N]	Minimizes the Control Panel to the Taskbar.
Exit	[Ctrl+X]	Closes Ulead DVD Player.

Index

Numerics

5.1 channel 11

B

Bookmark 5, 15

C

Capture 18
Control Panel 4

D

DirectSound 11
Dolby Digital 4
DV 17
DVD 9

F

File 16

M

miniDVD 4
MPEG-2 4

P

Preferences 9

R

Right-click 9, 14

S

Search 14
Skin 4
Surround 11
SVCD 4

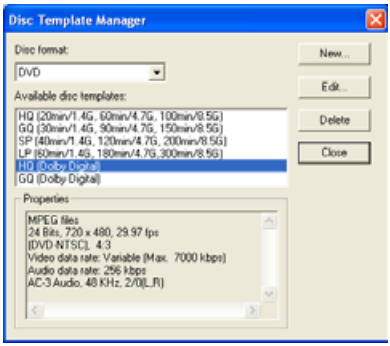
V

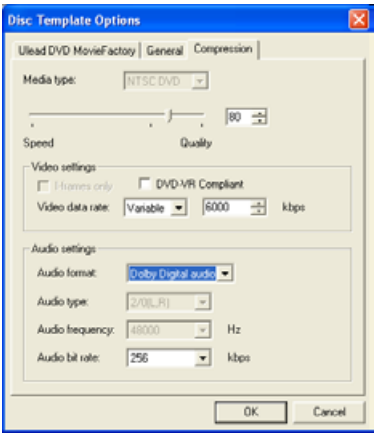
VCD 4
VR recording format 7

Dolby Digital

The decoding and encoding capabilities for videos with Dolby Digital audio are available depending on the Ulead DVD MovieFactory version you purchased. See the information below on how to use Dolby Digital.

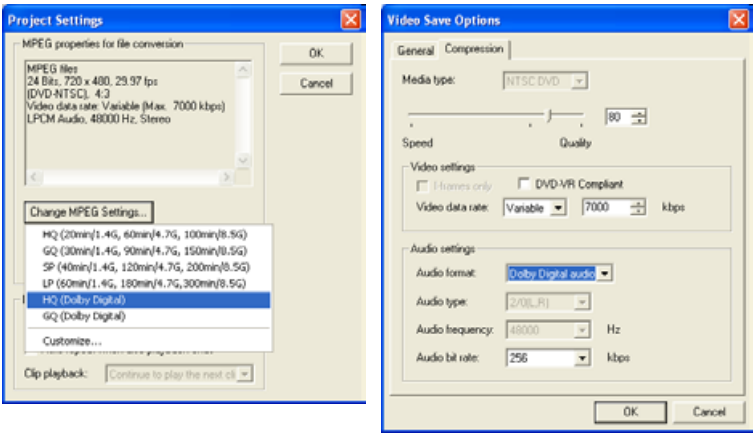
- Click **Settings and options: Disc Template Manager**, and then select a Dolby Digital preset. To define your own settings, click **New**. In the **Disc Template Options** dialog box, click the **Compression** tab and select **Dolby Digital audio** in **Audio format**.





- Click **Project settings**. Then click **Change MPEG Settings** and select a Dolby Digital preset. To define your own settings, click **Customize**. In the **Video Save Options** dialog box, click the

Compression tab and select **Dolby Digital audio** in **Audio format**.



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